Department of the Navy





FY 1990/FY 1991 **BIENNIAL BUDGET ESTIMATES**

MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

Approved for profice released FY 1991

Distriction Universed

JUSTIFICATION DATA **SUBMITTED TO CONGRESS**

JANUARY 1989

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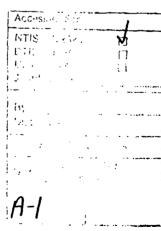
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FY 1991 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

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SUPPO	ORT																						1						





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STATE LIST

State/Country	Auth. Request	Appro. Request
Inside the United States	A 5 700	\$ 5,700
Alaska	\$ 5,700	
Arizona	3,000 359,852	3,000 359,852
California	41,270	41,270
Connecticut	9,800	9,400
District of Columbia	•	•
Florida	64,140 74,970	64,140 74,970
Georgia		22,000
Hawaii	22,000 4,600	4,600
Illinois	•	
Indiana	8,900	8,900
Kentucky	5,400	5,400
Maine	30,500	30,500
Maryland	24,550	103,598 17,200
Mississippi	17,200	3,340
Nevada	3,340	20,000
New Jersey	20,000	20,000
New Mexico	600	
New York	20,040	20,040
North Carolina	51,980	51,980
Pennsylvania	18,800	18,800
Rhode Island	10,350	10,350
South Carolina	52,040	52,040
Texas	16,500	16,500
Virginia	140,124	140,124
Washington	125,690	125,690
Subtotal	1,131,346	1,210,394
Outside the United States		
Bermuda	\$ 374	\$ 374
Canada	1,350	1,350
Cuba	31,669	31,669
Guam	41,900	41,900
Iceland	32,600	32,600
Italy	14,760	14,760
Japan	6,910	6,910
Philippines	1,900	1,900
Puerto Rico	810	810
Spain	1,740	1,740
United Kingdom	4,100	4,100
Subtotal	138,113	138,113
Various Locations	158,267	158,267
Total - FY 1991 Military Construction and Family Housing Program	1,427,726	1,506,774
Less: Family Housing	-196,474	-196,474
Total - FY 1991 Military Construction Program	1,231,252	1,310,300

State/ Proj Country Numbe		Auth. Request	Approp. Request	* Design As of Jan 90	Page No.
	INSIDE THE UNITED	STATES			
Alaska	Naval Air Station, Adak				50
892	Solid Waste Disposal Facility Subtotal	\$ <u>3,200</u> 3,200	\$ <u>3,200</u> 3,200	160	555
	Naval Security Group Activity Adak				51
075	Operations Building Addition Subtotal	2,500 2,500	2,500 2,500	100	52
	TOTAL FOR ALASKA	5,700	5,700		
Arizona	Marine Corps Air Station, Yuma				54
441	Aviation Supply Warehouse Subtotal	3,000	$\frac{3,000}{3,000}$	100	55
	TOTAL FOR ARIZONA	3,000	3,000		
California	Marine Corps Air Station Camp Pendleton				57
584	Construction and Weight Handling Equipment Shop	3,900	3,900	100	58
	Subtotal	3,900	3,900		
	Marine Corps Base, Camp Pendleton				60
229	Electronics Communications Maintenance Shop	5,900	5,900	100	61
977	Mess Hall	3,600	3,600	100	63
996	Military Operations in Urbanized Terrain	15,500	15,500	85	65
890	Family Housing Subtotal	11,750 36,750	$\frac{11,750}{36,750}$	n/a	588
	Naval Hospital, Camp Pendleton				67
427	Environmental Health & Industrial Hygiene Facility	1,050	1,050	100	68
	Subtotal	1,050	1,050		

State/ Country	Proj. Number	Installation/Location Project Title	 Auth. Request	Approp. Request	As of Jan 90	Page No.
Californ (Contin		Naval Weapons Center, China Lake				70
ued)	431	Advanced Weapons Laboratory Subtotal	\$ 17,500 17,500	\$ <u>17,500</u> 17,500	50	71
		Naval Weapons Station, Concord				73
	284 292	Railroad and Vehicular Bridges and Land Acquisition	6,500	6,500	100 35	74 76
		Subtotal	16,500	16,500		•
		Naval Amphibious Base, Coronado				79
	180	Amphibious Operations Facility Desert Operations Facility Maritime Training Facility Waterfront Maintenance and Operations Facility Subtotal	3,200 6,000 2,200 8,400	3,200 6,000 2,200 8,400	100 100 100 100	80 82 84 86
		Naval Air Facility, El Centro	15,000	23,000		88
	205 202		1,350 7,700 9,050	1,550 7,700 9,050	100 100	89 91
		Marine Corps Air Station, El Toro				93
	393	Data Processing Center	4,900 3,950 6,600 8,100 23,550	4,900 3,950 6,600 <u>8,100</u> 23,550	100 100 100 100	94 96 98 100
		Naval Air Station, Lemoore				102
	07 4 888	Battery Shop Weapons School Addition Subtotal	420 900 1,320	420 900 1,320	100 103	562 562
		Naval Shipyard, Long Beach				103
	235	Asbestos Removal Shop Subtotal	<u>500</u> 500	<u>500</u> 500	100	562

State/ Country	Proj. Number	Installation/Location Project Title	Auth. Request	Approp. Request	% Design As of Jan 90	Page No.
Californ (Contin-	-	Naval Station, Long Beach				104
ued)	203	Physical Fitness Facilities	\$ 5,800	\$ 5,800	100	105
		Wharf Utilities Upgrade	3,500	3,500	100	107
	61.4	Family Housing Subtotal	24,900 34,200	24,900 34,200	N/A	593
		Naval Air Station, Miramar				109
	346	Topgun Academic Facility	4,600	4,600	100	110
	888	Weapons School Addition	900	900	100	563
		Subtotal	5,500	5,500		
		Naval Postgraduate School Monterey				112
	129	Building Conversion and Seismic Upgrade	3,200	3,200	100	113
	137	Child Care Center	2,100	2,100	100	115
	151	Gymnasium	3,970	3,970	100	117
	161	Lecture Hall Addition and Seismic Upgrade	2,180	2,180	100	119
	3.46	Public Works Complex Subtotal	4,600 16,030	4,600 16,050	100	121
		Naval Air Station, North Island				123
	573	High Explosive Magazines Subtotal	1,500 1,500	1,500 1,500	100	124
		Pacific Missile Test Center Point Mugu				126
	063	Security Improvements	2,060	2,060	100	127
	0187	Family Housing Office	<u>480</u>	480	N/A	598
•		Subtotal	2,540	2,540		
		Naval Ship Weapons System Engineering Station, Port Hueneme				130
	012	Weapon Systems Integration Laboratory	10,100	10,100	100	131
	•	Subtotal	10,100	10,100		

State/ Proj. Country Number	·	Auth. Request	Approp. Request	As of Jan 90	Page No.
California (Contin- ued)	Naval Construction Battalion Center, Port Hueneme				133
	Electrical Distribution System Improvement	\$ 2,000	\$ 2,000	50	134
	Subtotal	2,000	2,000		
	Fleet Anti-Submarine Warfare Training Center, Pacific, San Diego				136
228	Applied Instruction Building Addition	2,100	2,100	100	137
	Subtotal	2,100	2,100		
	Fleet Combat Training Center Pacific, San Diego				139
034	Applied Instruction Building Addition	620	620	100	563
033	Bachelor Enlisted Quarters and Mess Hall	14,640	14,640	75	140
	Subtotal	15,260	15,260		
	Naval Hospital, San Diego				142
606	Parking Structure Subtotal	1,500 1,500	1,500 1,500	40	143
	Naval Ocean Systems Center, San Diego	1,300			145
095	Combined Research Laboratory Subtotal	11,700 11,700	$\frac{11,700}{11,700}$	80	146
	Naval Station, San Diego				149
224	Drig Subtotal	8,430 8,430	8,430 8,430	100	150
	Naval Submarine Base, San Diego				152
048	Bachelor Enlisted Quarters Oily Waste System	15,670 4 4 0	15,670 440	50 100	153 563
. 332	Subtotal	16,110	16,110	100	303

State/ Processing State/ Proce	roj.	Installation/Location Project Title	Auth. Request	Approp.	As of Jan 90	Page No.
California (Contin-		Naval Supply Center, San Diego				155
•	086	Cold Storage Warehouse Subtotal	\$ 6,340 6,340	\$ 6,340 6,340	100	156
		Naval Training Center, San Diego				158
;	349	Barracks Child Care Center Small Arms Range Subtotal	5,600 2,350 4,000 11,950	5,600 2,330 4,000 11,950	100 100 100	159 161 163
		Navy Public Horks Center, San Diego				165
:	116	Electrical Distribution System Upgrade	9,000	9,000	100	166
	072	Public Works Shop	8,900	8.900	100	168
		Steam Distribution System Improvements	3,300	3,300	100	170
;	815	Family Housing Subtotal	31,850 53,050	31,850 53,050	n/a	601
		Navy Public Works Center, San Francisco				172
•	061	Public Works Shop Subtotal	11,200 11,200	$\frac{11,200}{11,200}$	100	173
		Naval Weapons Station, Seal Beach				175
	171	Weapons Testing and Evaluation Facility	8,830	8,830	100	176
		Subtotal	8,830	8,830		
		Naval Security Group Activity, Skaq;s Island				179
	073	Potable Water System Subtotal	$\frac{1,472}{1,472}$	$\frac{1,472}{1,472}$	100	180

State/ Country N	Proj. lumber	Installation/Location Project Title	Auth. Request	Approp. Request	& Design As of Jan 90	Page No.
Californi (Contin- ued)	_	Matine Corps Air-Ground Combat Center, Twentynine Palms				182
•	428 470	Field Maintenance Shop Industrial Wastewater Treatment Facilities	\$ 3,600 2,200	\$ 3,600 2,200	100 100	183 555
	447	Potable Water Storage Tank Subtotal	4,300 10,100	4,300 10,100	100	185
		TOTAL FOR CALIFORNIA	359,852	359,852		
Connectio	ut	Naval Submarine Base, New London				187
	130	Bachelor Officer Quarters Modernization	4,700	4,700	100	188
	413	Quaywall Replacement	9,100	9,100	100	190
		Steam Turbine Generator	4,700	4,700	100	193
	424	Thames River Dredging	_7,770	7,770	35	195
	,_,	Subtotal	26,270	26,270	••	
		Naval Submarine School, New London				198
	398	Operational Trainer Facility Subtotal	15,000 15,000	15,000 15,000	45	199.
		TOTAL FOR CONNECTICUT	41,270	41,270		
District of Columbia		Naval Research Laboratory, Washington				201
	115	Electro-Optics Research Laboratory	9,800	9,800	100	202
		Subtotal	9,800	9,800		
		TOTAL FOR DISTRICT OF COLUMBIA	9,800	9,800	100	
Florida		Naval Air Station, Cecil Field				204
	212	Centrifuge Trainer	2,010	2,010	N/A	205
	831	Sanitary Wastewater System Upgrade	2,000	2,000	50	556
		Subtotal	4,010	4,010		

State/ Country	Proj. Number	Installation/Location Project Title	Auth. Request	Approp.	No Design As of Jan 90	Page No.
Florida (Contin		Naval Air Station, Jacksonville				207
ued)		Anti-Submarine Warfare Training Facility	\$ 2,800	\$ 2,800	100	208
	188	Wastewater System Improvements Subtotal	6,300 9,100	6,300 9,100	35	211
		Naval Hospital, Jacksonville				213
	510	Medical Warehouse Addition Subtotal	940	940 940	35	564
		Naval Air Station, Key West				214
	620	Explosive Ordnance Disposal Mobile Unit Facility	3,000	3,000	100	215
	636	Joint Air Reconnaissance Control Center Addition	4,000	4,000	45	217
		Subtotal	7,000	7,000		
		Fleet Training Center, Mayport				219
	168	Fire Fighting Training Facility Subtotal	5,300 5,300	5,300 5,300	100	220
		Naval Station, Mayport				222
	830	Water Storage Tanks Subtotal	3,600 3,600	$\frac{3,600}{3,600}$	100	223
		Naval Training Center, Orlando			•	225
		Barracks	10,910	10,910	100	226
		Cold Storage Warehouse	1,400	1,400	N/A	278
	240	Mess Hall Subtotal	$\frac{7,040}{19,350}$	$\frac{7,040}{19,350}$	100	230
		Naval Coastal Systems Center, Panama City				232
	301	Computation and Analysis Laboratory Addition	5,300	5,300	100	233
		Subtotal	5,300	5,300		

State/ Country N	Proj. umber	Installation/Location Project Title	Auth. Request	Approp. Request	* Design As of Jan 90	Page No.
Florida		Naval Supply Center, Pensacola				236
(Contin- ued)		Cold Storage Warehouse Subtotal	\$ 6,100 6,100	\$ 6,100 6,100	100	237
		Navy Public Works Center, Pensacola				239
	111	Water and Sewer Pipelines Separation Subtotal	3,440 3,440	3,440 3,440	50	556
		TOTAL FOR FLORIDA	64,140	64,140		
Georgia		Marine Corps Logistics Base, Albany				240
	310	Calibration Equipment Test Facility	3,250	3,250	100	241
		Industrial Waste Treatment Plant	2,600	2,600	100	243
		Improvements Subtotal	5,850	5,850		
		Naval Submarine Base, Kings Bay				245
	418	Bachelor Enlisted Quarters	7,200	7,200	50	246
		Explosives Handling Wharf	56,400	56,400	45	248
		Small Ordnance Magazine	620	620	100	564
	414	Trident Training Facility Addition Subtotal	$\frac{4,900}{69,120}$	$\frac{4,900}{69,120}$	50	250
		TOTAL FOR GEORGIA	74,790	74,790		
Hawaii		Naval Magazine, Lualualei			·	252
	117	Electrical Distribution Lines Relocation	1,400	1,400	100	253
		Subtotal	1,400	1,400		
		Commander Oceanographic System Pacific, Pearl Harbor				255
	417	Surtass Support Center Subtotal	$\frac{10,200}{10,200}$	10,200 10,200	100	256
		Naval Submarine Base, Pearl Harbor				258
	114	Electrical Distribution System Improvements	2,000	2,000	100	259
		Subtotal	2,000	. 4,000		

State/ Country N	Proj. umber	Installation/Location Project Title	Auth. Request	Approp. Request	% Design As of Jan 90	Page No.
Hawaii (Contin-		Naval Supply Center, Pearl Harbor				261
ued)		Road Subtotal	\$ <u>1,500</u> 1,500	\$ 1,500 1,500	100	262
		Navy Public Works Center, Pearl Harbor				264
	504	Automotive Vehicle Maintenance Shop Subtotal	6,900 6,900	6,900	100	265
		TOTAL FOR HAWAII	22,000	22,000		
Illinois		Naval Training Center, Great Lakes				267
	471	Fireman Apprentice Training School Subtotal	2,800 2,800	2,800 2,800	100	268
		Navy Public Works Center, Great Lakes				270
	538	Electrical Distribution System	1,100	1,100	100	271
	378	Improvements Storm Sewer System Improvements Subtotal	700	$\frac{700}{1,800}$	100	564
		TOTAL FOR ILLINOIS	4,600	4,600		
Indiana		Naval Weapons Support Center Crane				273
	224	Electronics Communications Maintenance Shop	4,000	4,000	40	274
1	244	Mechanized Materials Management	4,900	4,900	35	277
		Facility Subtotal	8,900	8,900		
		TOTAL FOR INDIANA	8,900	8,900		
Kentucky		Naval Ordnance Station, Louisville		•		280
	215	Phalanx Shop Modernization Subtotal	5,400 5,400	5,400 5,400	50	281
		TOTAL FOR RENTUCKY	5,400	5,400		

State/ Country N	Proj. umber	Installation/Location Project Title	_	Auth. Request	Approp. Request	t Design As of Jan 90	Page No.
Maine		Portsmouth Naval Shipyard, Kittery					283
	228	Dry Dock Modernization and Cover (Increment I)	\$		30,500	40	284
		Subtotal		30,500	30,500		
		TOTAL FOR MAINE		30,500	30,500		
Maryland		Naval Academy, Annapolis					287
	259	Bancroft Hall Expansion (Phase II)		0	24,000	100	288
		Subtotal		-0	24,000		
		Naval Hospital, Bethesda					290
	912	Bachelor Enlisted Quarters Subtotal		9,000	9,000	100	291
		Naval Ordnance Station, Indian Head					293
	963	Industrial Wastewater Treatment Facilities		6,400	6,400	100	557
		Subtotal		6,400	6,400		
		Naval Air Test Center, Patuxent River					294
	420	Security Improvements Subtotal		$\frac{3,000}{3,000}$	3,000	100	295
		Naval Hospital, Patuxent River					298
	903	Aviation Physiology Training Facility		2,250	2,250	100	299
		Subtotal		2,250	2,250		
		Naval Electronic Systems Engineering Activity, St. Inigoes					301
	723	FACSFAC Electronic Systems Integration		3,900	3,900	100	302
		Subtotal		3,900	3,900	•	•

State/ Proj.	· · · · · · · · · · · · · · · · · · ·	Auth. Request	Approp. Request	t Design As of Jan 90	Page No.
Maryland (Contin-	Naval Intelligence Command Headquarters, Suitland				304
neq)	N Headquarters Building (Increment II)	\$ 0		90	305
	Subtotal	Ō	55,048		
	TOTAL FOR MARYLAND	24,550	103,598		
Mississippi	Naval Oceanography Command Facility, Bay St. Louis				307
001	Oceanographic Building Subtotal	$\frac{1,700}{1,700}$	$\frac{1,700}{1,700}$	100	308
	Naval Construction Battalion Center, Gulfport				310
745	Controlled Humidity Warehouse Subtotal	6,900 6,900	6,900	100	311
	Naval Construction Training Center Gulfport				313
716		1,500	1,500	100	314
723	Barracks Subtotal	7,100 8,600	$\frac{7,100}{8,600}$	100	316
	TOTAL FOR MISSISSIPPI	17,200	17,200		
Nevada	Naval Air Station, Fallon				318
282	Range Air Surveillance System Subtotal	$\frac{3,340}{3,340}$	$\frac{3,340}{3,340}$	100	319
	TOTAL FOR NEVADA	3,340	3,340		
New Jersey	Naval Weapons Station, Earle				321
949	Trestles Replacement (Increment I) Subtotal	20,000	20,000 20,000	50	322
•	TOTAL FOR NEW JERSEY	20,000	20,000		

State/ Proj Country Numbe		Auth. Request	Approp. Request	% Design As of Jan 90	Page No.
New Mexico	Naval Ordnance Missile Test Station, White Sands				324
. 005	Gun Test Range Subtotal	\$ <u>600</u>	\$ <u>600</u>	100	565
	TOTAL FOR NEW MEXICO	600	600		
New York	Director First Marine Corps District, Garden City				325
002	Physical Security Improvements Subtotal	440	440	100 .	566
	Naval Station, New York				
801	Family Housing Subtotal	19,600	19,600	n/A	606
	TOTAL FOR NEW YORK	20,040	20,040		
North Carolina	Marine Corps Base, Camp Lejeune				326
	Bachelor Enlisted Quarters Electronics Communications Maintenance Shops	13,580 4,100	13,580 4,100	75 100	327 329
	Field Maintenance Complex	20,900	20,900	75	331
810	Mechanics Training Building (Increment III)	3,000	3,000	100	3
	Subtotal	41,580	41,580		
	Marine Corps Air Station, Cherry Point				335
031	Aircraft Bombing Range	1,050	1,050	100	336
883	•	1,750	1,750	100	339
017	Water Treatment Facility Subtotal	$\frac{7,600}{10,400}$	$\frac{7,600}{10,400}$	100	341
	TOTAL FOR NORTH CAROLINA	51,980	51,980		
Pennsyl- vania	Naval Station, Philadelphia				343
521	Brig Subtotal	5,100 5,100	5,100 5,100	100	344

State/ Proj. Country Number		 Auth. Request	Approp. Request	% Design As of Jan 90	Page No.
Pennsyl- vania (Contin-	Naval Air Development Center, Warminster				347
•	Aircraft Technologies Laboratory Subtotal	\$ 13,700 13,700	13,700 13,700	45	348
	TOTAL FOR PENNSYLVANIA	18,800	18,800		
Rhode Island	Naval Education and Training Center, Newport				351
146	Steam Distribution System Upgrade Subtotal	6,350 6,350	6,350 6,350	100	352
	Naval Underwater Systems Center Newport				354
034	Guided Missile Laboratory Subtotal	4,000	4,000	100	355
	TOTAL FOR RHODE ISLAND	10,350	10,350		
South Carolina	Marine Corps Air Station Beaufort				358
366	Bachelor Enlisted Quarters Subtotal	6,500 6,500	6,500 6,500	40	359
	Naval Hospital, Charleston				361
229	Emergency Water Storage Tank Subtotal	<u>550</u> 550	<u>550</u> 550	100	566
	Naval Shipyard, Charleston				362
800	Water Treatment Facility Subtotal	<u>500</u> 500	<u>500</u>	100	567
	Naval Station, Charleston				363
	Boat Shop Pay and Personnel Support Office Addition Subtotal	1,090 500 1,590	1,090 500 1,590	100 100	364 566
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State/ Pr Country Num			Auth. Request	Approp. Request	% Design As of Jan 90	Page No.
South		Naval Supply Center, Charleston				366
Carclina (Contin- C ued)	058	Fleet Supply Support Store Subtotal	\$ 3,200 3,200	\$ 3,200 3,200	100	367
		Naval Weapons Station, Charleston				369
		Missile Magazine	1,900	1,900	100	370
		Propulsion Training Facility	25,000	25,000	50	372
ŧ	323	SEALANCE Missile Maintenance	9,400	9,400	100	374
		Facility Subtotal	36,300	36,300		
		Marine Corps Recruit Depot, Parris Island				376
1	L18	Clothing Issue Building Subtotal	$\frac{3,400}{3,400}$	$\frac{3,400}{3,400}$	100	377
		TOTAL FOR SOUTH CAROLINA	52,040	52,040		
Texas		Naval Air Station, Corpus Christi				379
2	270	Airfield Lighting Subtotal	4,700	4,700	100	380
		Naval Technical Training Conter Detachment, Lackland AFB				382
0	002	Bachelor Enlisted Quarters Subtotal	11,800 11,800	11,800 11,800	100	383
		TOTAL FOR TEXAS	16,500	16,500		
Virginia		Headquarters Marine Corps, Arlington	!			385
O	006	General Purpose Warehouse Subtotal	2,800 2,800	2,800 2,800	90	386
		Marine Corps Detachment, Camp Elmore	!			388
8	301	Operations Center Subtotal	2,850 2,850	2,850 2,850	100	389

Department of the Navy
FY 1991 Military Construction and Family Housing Program
Index of Locations
(Dollars in Thousands)

State/ Pro		Auth. Request	Approp. Request	No Design As of Jan 90	Page No.
Virginia (Contin- ued)	Naval Space Surveillance System Dahlgren				391
24	9 Space Surveillance Center Subtotal	\$ 9,800 9,800	\$ 9,800 9,800	100	392
	Fleet Combat Direction Systems Support Activity, Dam Neck				395
98	3 Computer Programming Operations Center Addition	6,330	6,330	100	396
	Subtotal	6,330	6,330		
	Marine Environmental Systems Facility, Dam Neck				399
33	5 Operations and Maintenance Facilities	8,000	8,000	100	400
	Subtotal	8,000	8,000		
	Naval Amphibious Base, Little Creek				493
33	7 Landing Craft Air Cushion Complex (Increment II)	12,400	12,400	75	404
20	4 Surface Warfare Development Group Operations Facility	2,200	2,200	100	407
	8 SURTASS Support Center Addition	7,250	7,250	85	41ú
02	88 Family Housing Office Subtotal	$\frac{370}{22,220}$	$\frac{370}{22,220}$	N/A	611
	Naval Amphibious School, Little Creek				413
36	6 Landing Craft Air Cushion Training Facility	1,440	1,440	100	414
36	O Training Materials Storage Subtotal	800 2,240	800 2,240	100	567
	Fleet Training Center, Norfolk				416
17	9 Electrical Trades Training Building Addition	6,000	6,000	100	417
. 18	Fire Fighting Training Facility Subtotal	$\frac{12,000}{18,000}$	12,000 18,000	100	419

State/ Proj. Country Number	Installation/Location Project Title	Auth. Request	Approp. Request	As of Jan 90	Page No.
Virginia (Contin- ued)	Naval Communications Area Master Station Atlantic, Norfolk				421
	Communication Center Addition Subtotal	\$ <u>5,370</u> 5,370	\$ <u>5,370</u> 5,370	100	422
	Naval Station, Norfolk				424
834	Electric Power Upgrade Subtotal	9,000 9,000	9,000	100	425
	Naval Supply Center, Norfolk				427
444	General Warehouse Subtotal	5,400 6,400	6,400 6,400	100	428
	Navy Public Works Center, Norfolk				430
236	Fuel Line	3,130	3,130	100	431
5079	Family Housing Community Center	415	415	N/A	614
	Family Housing Community Center Subtotal	415 3,960	<u>415</u> 3,960	N/A	615
	Naval Air Station, Oceana				433
178	Weapons System Trainer Building Addition	3,150	3,150	100	434
	Subtotal	3,150	3,150		
	Shore Intermediate Maintenance Activity, Portsmouth				437
	Shore Intermediate Maintenance Pacility	12,094	12,094	75	438
	Subtotal	12,094	12,094		
	Marine Corps Combat Development Command, Quantico				- 441
402	Combat Development Center	16,000	16,000	60	442
408		3,850	3,850	100	444
	Subtotal	19,850	19,850		

State/ Country N	Proj. umber		Auth. Request	Approp. Request	No Design As of Jan 90	Page No.
Virginia (Contin- ued)		Naval Research Laboratory Annex, Quantico				446
	148	Midway Research Center Upgrade Subtotal	\$ <u>2,600</u> 2,600	\$ 2,600 2,600	100	447
		Naval Surface Warfare Center, Wallops Island				449
•	327	AEGIS Command and Life Support Facility	5,460	5,460	50	450
		Subtotal	5,460	5,460		
		TOTAL FOR VIRGINIA	140,124	140,124		
Washingto	n	Trident Refit Facility, Bangor				432
	057	Crane Trackage Extension	910	910	100	568
		Hazardous and Flammable Storehouse Subtotal	$\frac{2,100}{3,010}$	$\frac{2,100}{3,010}$	100	453
		Trident Training Facility, Bangor				455
	993	Fire Fighting Training Facility Subtotal	3,600 3,600	3,600 3,600	100	456
		Puget Sound Naval Shipyard Bremerton				458
	252	Dry Dock Utilities Upgrade Subcotal	1,700 1,700	$\frac{1,700}{1,700}$	100	459
		Naval Station, Everett				461
	089	Carrier Pier Support	11,960	11,960	100	462
		Communications Facility	1,650	1,650	100	464
		Security and Fire Station	1,750	1,750	100	466
	082	Utilities and Site Improvements Subtotal	6,790 22,150	$\frac{6,790}{22,150}$	100	468
		Naval Undersea Warfare Engineering Station, Keyport				470
	295	Automated Materials Handling Facility	7,300	7,300	100	471
	309	Fire Station	1,100	1,100	100	473
		Submarine Weapons Systems Shop Subtotal	10,100 18,500	10,100 18,500	100	475

State/ Country	Proj.	Installation/Location Project Title	Auth. Request	Approp. Request	Nesign As of Jan 90	Page No.
Washingt (Contin		Naval Hospital, Oak Harbor				477
ued)	007	Aviation Physiology Training Facility	\$ 2,170	\$ 2,170	100	478
•		Subtotal	2,170	2,170		
		Strategic Weapons Facility Pacific, Silverdale				480
	806	Engineering Services Building	3,500	3,500	100	481
	943	Magazine Modifications	1,600	1,600	70	483
		Missile Assembly Building	7,300	7,300	100	485
		Motor Inspection Building	8,000	8,000	80	487
	807	Radiographic Inspection Building	13,800	12,800	70	489
	935	Training Facility Addition	7,400	7,400	80	491
	957	Transfer Facility Addition	3,500	3,500	100	493
	808	Utilities and Site Improvements Subtotal	$\frac{8,600}{53,700}$	8,600 53,700	80	495
		Naval Air Station, Whidbey Island				497
	074	Operational Trainer Facility Addition	1,410	1,410	100	498
	889	Operational and Maintenance Trainer Facility (Increment I)	17,900	17,900	60	500
		Subtotal	19,310	19,310		
		Naval Facility, Whidbey Island				502
	030	Electric Power Improvements Subtotal	1,550 1,550	1,550 1,550	100	503
		TUTAL FOR WASHINGTON	125,690	125,690		
	Subt	Ocal - Military Construction	1,041,566	1,120,614		
	Subt	otal - Military Construction for Family Housing	69,780	89,780		
	TOTA	L - INSIDE THE UNITED STATES	1,131,346	1,210,394		

State/ Country	Proj. Number		Auth. Request	Approp. Request	& Design As of Jan 90	Page No.
		OUTSIDE THE UNITED !	STATES			
Bermuda		Naval Air Station				617
	1088	Family Housing Office Subtotal	\$ <u>374</u> 374	\$ <u>374</u> 374	N/A	618
		TOTAL FOR BERMUDA	374	374		
Canada		Naval Facility Argentia Newfoundland				505
	123	Terminal Equipment Building	1,350	1,350	100	506
		Addition Subtotal	1,350	1,350		
		TOTAL FOR CANADA	1,350	1,350		
"uba		Naval Station, Guantanamo Bay				620
	803	Family Housing Subtotal	31,669 31,669	31,669 31,669	N/A	621
		TOTAL FOR CUBA	31,669	31,669		
Guam		Floet Surveillance Support Command				508
	002	Electronic Installation Subtotal	30,000	30,000 30 000	50	509
		Naval Magazine				511
	809	Tomahawk Support Complex Subtotal	9,000	9,000	100	512
		Naval Supply Depot				514
	114	Security Improvements Subtotal	2,900 2,900	2,900	100	515
		TOTAL FOR GUAM	41,900	41,900		

State/ Proj.		_	Auth. Request	Approp. Request	t Design As of Jan 90	Page No.
lceland	Naval Air Station, Keflavik					517
	Fuel Facilities Family Housing Subtotal	\$	1,030 \$ 27,200 28,230	1,030 27,200 28,230	100 N/A	518 626
·	Naval Communication Station Keflavik					521
802	Communication Center Subtotal		4,370 4,370	4,370	100	522
	TOTAL FOR ICELAND		32,600	32,600		
Italy	Naval Communication Station Sicily					524
305	Receiver Facility Subtotal		$\frac{1,750}{1,750}$	1,750 1,750	100	525
	Naval Air Station, Sigonella					527
218	Corrosion Control Hangar		5,400	5,400	100	528
	Engine Maintenance Shop Addition		1,960	1,960	100	530
144	Operations Control Center		5,650	5,650	75	532
	Subtotal		13,010	13,010		
	TOTAL FOR ITALY		14,760	14,760		
Japan	Naval Security Group Activity Hanza, Okinawa					535
001	Fire Protection System Subtotal		1,000	1,000	100	569
	Marine Corps Air Station, Iwakuni					536
809	Hangar Conversion		3,090	3,090	100	537
840	₹		2,820	2,820	100	539
	Subtotal		5,910	5,910		
	TOTAL FOR JAPAN		6,910	6,910		

State/ Country N	Proj. Jumber		Auth. Request	Approp. Request	Nosign As of Jan 90	Page No.
Republic of the		Naval Magazine, Subic Bay				541
Philip- pines	405	Ammunition Segregation Γ acility Subtotal	\$ <u>1,900</u> 1,900	\$ <u>1,900</u> 1,900	100	542
		TOTAL FOR REPUBLIC OF THE PHILIPPINES	1,900	1,900		
Puerto Rico		Naval Security Group Activity Sabana Seca				544
	069	Operations Building Addition Subtotal	-810 810	810 810	80	569
		TOTAL FOR PUERTO RICO	810	810		
Spain		Naval Communication Station, Rota				545
	556	Operations Building Addition Subtotal	$\frac{1,740}{1,740}$	1,740 1,740	100	546
		TOTAL FOR SPAIN	1,740	1,740		
United Kingdom		Fleet Surveillance Support Command, Brawdy Wales				548
	301	Electronic Installation Subtotal	$\frac{3,600}{3,600}$	3,600 3,600	75	549
		Personnel Support Activity, London				551
	610	Pay and Personnel Support Office Subtotal	<u>500</u> 500	<u>500</u>	100	570
		TOTAL FOR UNITED KINGDOM	4,100	4,100		
	Subt	otal - Military Construction	78,870	78,870		
	Subt	otal - Military Construction for Family Housing	59,243	59,243		
	TOTA	L - OUTSIDE THE UNITED STATES	138,113	138,113		

State/ Proj. Country Number		Auth. Request	Approp.	<pre>* Design As of Jan 90</pre>	Page No.
Various	Various Locations				
090	Host Nation Infrastructure	\$ 1,000	\$ 1,000	N/A	571
090	Land Acquisition	7,800	7,800	N/A	552
VAR	Architectural and Engineering Services and Construction Design (MILCON)	82,499	82,499	N/A	559
	(Family Housing)	1,500	1,500	N/A	660
VAR	Post Acquisitions Construction (Family Housing Improvements)	45,951	45,951	N/A	631
091	Unspecified Minor Construction	15,500	15,500	N/A	558
191	Access Roads	4,017	4,017	N/A	560
	Subtotal	158,267	158,267	·	
Subt	otal - Military Construction	110,816	110,816		
Subt	otal - Military Construction for Family Housing	47,451	47,451		
		,,,,,,,,,,,,,,,,	• • • • • • • • • • • • • • • • • • • •	• • • • • • • • • • • • • • • • • • • •	
Total - FY 199	l Military Construction Program	1,231,252	1,310,300		
	l Military Construction Pamily ing Program	196,474	196,474		
GRAND TOTAL		1,472,726	1,506,774		

MISSION STATUS LIST NEW OR CURRENT

Installation/ Location	Proj.	Project Title	Cost (\$000)	New or Current
	IN	SIDE THE UNITED STATES		
NAS Adak, AK	892		\$ 3,200	С
NSGA Adak, AK	075		2,500	С
MCAS Yuma, AZ	441	Aviation Supply Warehouse	3,000	N
MCAS Camp Pendleton, CA	584	Construction and Weight Handling Equipment Shop	3,900	N
MCB Camp Pendleton, CA	229	Electronics Communications Maintenance Shop	5,900	С
	977	Mess Hall	3,600	С
	996	Military Operations in Urbanized Terrain	15,500	С
	890	Family Housing	11,750	C
NH Camp Pendleton CA	427	Environmental Health & Industrial Hygiene Facility	1,050	С
NWC China Lake, CA	431	Advanced Weapons Laboratory	17,500	N
NWS Concord, CA	284	Advance Weapons Facility	6,500	N
	292	Railroad and Vehicular Bridges and Land Acquisition	10,000	С
NAB Coronado, CA	142	Amphibious Operations Facility	3,200	С
	179	Desert Operations Facility	6,000	N
	180		2,200	N
	150	Waterfront Maintenance and Operations Facility	8,400	С
NAF El Centro, CA	205	Aircraft Direct Fueling Station	1,350	С
	202	Ordnance Facility	7,700	С
MCAS, El Toro, CA	594	Aircraft Parking Apron	4,900	N
	381	Data Processing Center	3,950	С
	393	Maintenance Hangar Additions	6,600	N
	595	Operational Trainer Facility	8,100	N
NAS Lemoore, CA	074	Battery Shop	420	С
	888	Weapons School Addition	900	N
NSY Long Beach, CA	235	Asbestos Removal Shop	500	С
NS Long Beach, CA	203	Physical Fitness Facilities	5,800	N
	201	Wharf Utilities Upgrade	3,500	N
	614	Family Housing	24,900	С
NAS Miramar, CA	346	Topqun Academic Facility	4,600	С
•	888	Weapons School Addition	900	N

Installation/ Location	Proj.	Project Title	Cost (\$000)	New or Current
NPGS Monterey, CA	129	Building Conversion and Seismic	\$ 3,200	С
		Upgrade		
	137		2,100	Ç
		Gymnasium	3,970	C
		Lecture Hall Addition and Seismic Upgrade	2,180	С
		Public Works Complex	4,600	С
NAS North Island, CA	573	High Explosive Magazines	1,500	С
PMTC Point Mugu, CA	063	• •	2,060	c
•	0187	Family Housing Office	480	С
NSWSES Port Hueneme CA	012	Weapon Systems Integration Laboratory	10,100	С
NCBC Port Hueneme, CA	474	Electrical Distribution System Improvement	2,000	С
PASWTCPAC San Diego, CA	228	Applied Instruction Building Addition	2,100	С
FCTCPAC San Diego, CA	034	Applied Instruction Building Addition	620	С
	033	Bachelor Enlisted Quarters and Mess Hall	14,640	С
NH San Diego, CA	606	Parking Structure	1,500	С
NOSC San Diego, CA	095	Combined Research Laboratory	11,700	C
NS San Diego, CA	224	Brig	8,430	G.
NSB San Diego , CA	048		15,670	С
	092		440	С
NSC San Diego, CA		Cold Storage Warehouse	6,340	
NTC San Diego, CA		Barracks	5,600	C
	_	Child Care Center	2,350	C
		Small Arms Range	4,000	C
NPWC San Diego, CA		Electrical Distribution System Upgrade	9,000	С
		Public Works Shop	8,900	С
	149	Steam Distribution System Improvements	3,300	С
	815	Family Housing	31,850	С
NPWC San Francisco, CA		Public Works Shop	11,200	C
NWS Seal Beach, CA		Weapons Testing and Evaluation Facility	8,830	С
NSGA Skaggs Island, CA	073	Potable Water System	1,472	C

Installation/ Location	Proj.	Project Title		New or Current
MCAGCC Twentynine	428	Field Maintenance Shop	\$ 3,600	С
Palms, CA	470	Industrial Wastewater Treatment Facilities	2,200	С
	.447	Potable Water Storage Tank	4,300	С
NSB New London, CT	130	Bachelor Officer Quarters Modernization	4,700	С
	413		9,100	С
	391		4,700	С
	424		7,770	N
NSS New London, CT	398	Operational Trainer Facility	15,000	N
NRL Washington, DC	13.5	Electro-Optics Research Laboratory	9,800	С
NAS Cecil Field, FL	212	Centrifuge Traine:	2,010	N
	8 31		2,000	C
NAS Jacksonville, FL	174	Facility	2,800	С
	188	Wastewater System Improvements	6,300	С
NH Jacksonville, FL	510		940	N
NAS Key 'est, FL	620	Explosive Ordnance Disposal Mobile Unit Facility	3,000	N
	636	Joint Air Reconnaissance Control Center Addition	4,000	С
FTC Mayport, FL	168	Fire Fighting Training Facility	5,300	С
NS Mayport, FL	830	Water Storage Tanks	3,600	С
NTC Orlando, FL	200	Barracks	10,910	
	202	Cold Storage Warehouse	1,400	С
	240	Mess Hall	7,040	С
NCSC Panama City, FL	301	Computation and Analysis Laboratory Addition	5,300	С
NSC Pensacola, FL	271	Cold Storage Warehouse	6,100	N
NPWC Pensacola, FL	111	Water and Sewer Pipelines Separation	3,440	С
MCLB Albany, GA	310	Calibration Equipment Test Facility	3,250	С
	605	Industrial Waste Treatment Plant Improvements	2,600	С
NSB Kings Bay, GA	418	Bachelor Enlisted Quarters	7,200	N
	364	Explosives Handling Wharf	56,400	N
	420	Small Ordnance Magazine	520	N
	414	Trident Training Facility Addition	4,900	N
NM Lualualei, HI	117	Electrical Distribution Lines Relocation	1,400	С
COMOCEANSYSPAC Pearl Harbor, HI	417	Surtass Support Center	10,200	N
NSB Pearl Harbor, HI	114	Electrical Distribution System lmprovements	2,000	С

•	Proj. No.	Project Title		New or Current
NSC Pearl Harbor, HI	133	Road	\$ 1,500	С
NPWC Pearl Harbor, HI		Automotive Vehicle Maintenance Shop	6.900	č
NTC Great Lakes, IL		Fireman Apprentice Training School	2,800	č
NPWC Great Lakes, IL		Electrical Distribution System	1,100	č
		Improvements	-,	
	378	Storm Sewer System Improvements	700	С
NWSC Crane, IN	224	Electronics Communications	4,000	C
		Maintenance Shop		
	244	Mechanized Materials Management Pacility	4,900	С
NOS Louisville, KY	215	Phalanx Shop Modernization	5,400	C
Portsmouth NSY,	228	Dry Dock Modernization and Cover	30,500	N
Kittery, ME		(Increment I)		
NAVACAD Annipolis, MD	259	Bancroft Hall Expansion (Phase II)	24,000	С
NH Bethesda, MD	912	Bachelor Enlisted Quarters	9,000	С
NOS Indian Head, MD	963	Industrial Wastewater Treatment Pacilities	6,400	С
NATC Patuxent River, MD	420	Security Improvements	3,000	С
NH Patuxent River, MD	903	Aviation Physiology Training Facility	2,250	С
NESEA St. Inigoes, MD	723	FACSFAC Electronic Systems Integration	3,900	С
NAVINTELCOMHDQTRS Suitland, MD	001A	Headquarters Building (Increment II)	55,048	С
NAVOCEANOCCMFAC Bay St. Louis, MS	001	Oceanographic Building	1,700	С
NCBC Gulfport, MS	745	Controlled Mumidity Warehouse	6,900	С
NCTC Gulfport, MS	716	<u>-</u>	1,500	С
•	723	• •	7,100	С
NAS Fallon NV	282	Range Air Surveillance System	3,340	С
NWS Earle, NJ	949	Trestles Replacement (Increment I)	20,000	С
NAVORDMISTESTSTA White Sands, NM	005	Gun Test Range	600	С
DIRFIRSTMARCORPSDIST Garden City, NY	002	Physical Security Improvements	440	C
NS New York, NY	801	Family Housing	19,600	N
MCB Camp Lejeune, NC	630	-	13,580	Ĉ
	679	Electronics Communications Maintenance Shors	4,100	C
	804	Field Maintenance Complex	20,900	С
	810		3,000	Ċ

Installation/	Proj.		Cost	New or
Location	No.	Project Title	(\$000)	Current
MCAS Cherry Point, NC	031	Aircraft Bombing Range	\$ 1,050	С
Mons cherry Point, No	883		1,750	c
	017	Water Treatment Facility	7,600	Ċ
NS Philadelphia, PA	521	Briq	5,100	Č
NADC Warminster, PA	163	Aircraft Technologies Laboratory	13,700	Č
NETC Newport, RI	146	-	6,350	č
NUSC Newport, RI	034	Guided Missile Laboratory	4,000	N
MCAS Beaufort, SC	366	_	6,500	c
NH Charleston, SC	229		550	č
NSY Charleston, SC	800		500	č
NS Charleston, SC	699	Boat Shop	1,900	c
	747	•	500	c
NSC Charleston, SC	058	Fleet Supply Support Store	3,200	С
NWS Charleston, SC	784	Missile Magazine	1,090	С
	869	Propulsion Training Facility	25,000	C
	823	SEALANCE Missile Maintenance Facility	9,400	N
MCRD Parris Island, SC	118	Clothing Issue Building	3,400	С
NAS Corpus Christi, TX	270	Airfield Lighting	4,700	С
NTTCDET Lackland AFB, TX	002	Bachelor Enlisted Quarters	11,800	С
HQTRSMARCORPS Arlington, VA	006	General Purpose Warehouse	2,800	С
MCDET Camp Elmore, VA	801	Operations Center	2,850	С
NAVSPASURSYS Dahlgren, VA	249	Space Surveillance Center	9,800	С
FLTCOMDIRSYSSUPPACT	983	Computer Programming Operations	6,330	С
Dam Neck, VA		Center Addition		
MARENVIRSYSFAC	335	Operations and Maintenance	8,000	7
Dam Neck, VA		Facilities		
NAB Little Creek, VA	337	Landing Craft Air Cushion Complex (Increment II)	12,400	N
	204	Surface Warfare Development Group Operations Facility	2,200	С
	418	SURTASS Support Center Addition	7,250	N
	0288	Family Housing Community Center	370	С
NAVPHIBSCOL Little Creek, VA		Landing Craft Air Cushion Training Facility	1,440	N
	360	Training Materials Storage	800	C
PTC Norfolk, VA	179		6,000	С
	180	Fire Fighting Training Facility	12,000	С
NAVCAMSLANT Norfolk, VA	141		5,370	С

Installation/ Location	Proj.	Project Title		New or Current
NS Norfolk, VA		Electric Power Upgrade	\$ 9,000	C
NSC Norfolk, VA		General Warehouse	6,400	C
NPWC Norfolk, VA		Fuel Line	3,130	C
		Family Housing Community Center	415	C
		Family Housing Community Center	415	С
NAS Oceana, VA	178	Weapons System Trainer Building Addition	3,150	N
SIMA Portsmouth, VA	320	Shore Intermediate Maintenance Facility	12,094	С
MCCDC Quantico, VA	402	Combat Development Center	16,000	С
Hoose gaanace,		Military Operations in Urbanized	3,850	Ċ
	•	Terrain	.,	
NRL Annex, Quantico, VA	148	Midway Research Center Upgrade	2,600	N
NSWC Wallops Island, VA		AEGIS Command and Life Support	5,460	Ċ
mono mazzopo zorana, m		Facility	-,	
TRIDENTREFITFAC	057	Crane Trackage Extension	910	С
Bangor, WA		Hazardous and Flammable Storehouse	2,100	č
TRIDENTTRAINFAC		Fire Fighting Training Facility	3,600	Ċ
Bangor, WA				
Puget Sound NSY Bremerton, WA	252	Dry Dock Utilities Upgrade	1,700	С
NS Everett, WA	089	Carrier Pier Support	11,960	N
*	145	Communications Facility	1,650	N
·	117	Security and Fire Station	1,750	N
	082	Utilities and Site Improvements	6,790	N
NUWES Keyport, WA	295	Automated Materials Handling Facility	7,300	С
	309	Fire Station	1,100	С
	337	Submarine Weapons Systems Shop	10,100	C
NH Oak Harbor, WA	007	Aviation Physiology Training Facility	2,170	С
STRAWEAPFACPAC	806	Engineering Services Building	3,500	N
Silverdale, WA		Magazine Modifications	1,600	N
,	937		7,300	N
	809		8,000	N
	807	Radiographic Inspection Building	13,800	N
	935		7,490	N.
	957		3,500	N
	808	<u>-</u>	8,600	N
NAS Whidbey Island,	074	<u> </u>	1,410	N
WA		Addition	_•	
		Operational and Maintenance Trainer Facility (Increment I)	17,900	N
NF Whidbey Island, WA	030	Electric Power Improvements	1,550	С

Installation/ Location	Proj.	Project Title	Cost N (\$000) C	lew or urrent
	00	TSIDE THE UNITED STATES		
NAS Bermuda		Pamily Housing Office	\$ 374	С
NF Argentia Newfoundland, CD	123	Terminal Equipment Building Addition	1,350	С
NS Guantanamo Bay, CU	803	Family Housing	31,669	С
FLTSURSUPPCOM, GU	002	Electronic Installation	30,000	N
NM, GU	809	Tomahawk Support Complex	9,000	N
NSD, GU	114	Security Improvements	2,900	С
NAS Keflavik, IC	463	Fuel Facilities	1,030	C
•	812	Family Housing	27,200	С
NCS Keflavik, IC	802	Communication Center	4,370	С
NCS Sicily, IT	305	Receiver Facility	1,750	С
NAS Sigonella, IT		Corrosion Control Hangar	5,400	C
	220		1,960	С
	144		5,650	C
NSGA Hanza, Okinawa JA	001	Fire Protection System	1,000	С
MCAS Iwakuni, JA	809	Hangar Conversion	3,090	С
	840		2,820	N
NM Subic Bay, RP	405		1,900	С
NSGA Sabana Seca, PR	069		810	C
NCS Rota, SP	556		1,740	С
FLTSURSUPPCOM	301	Electronic Installation	3,600	N
Brawdy Wales, UK			•	_
PERSUPACT London, UK	610		500	¢ .
Various Locations	090	Host Nation Infrastructure	1,000	N/A
	090	Land Acquisition	7,800	N/A
	105	Services and Construction	82,499	N/A
•		Design (MILCON)	1,500	N/A
		(Pamily Housing)	45,951	N/A
	VAR	Post Acquisitions Construction (Family Housing Improvements)	•	•
	090		15,500	N/A
	190	Access Roads	4,017	N/A
Total - Various Locations			158,267	
Total - Current Mission			925,647	
Total - New Mission			422,860	
.Total - FY 1990 Military Construction and Family Housing Program			1,506,774	

INSTALLATION INDEX

"C" INSTALLATION

FY 1991 MILITARY CONSTRUCTION AND FAMILY HOUSING PROGRAM

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<u> </u>	
_	201
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Garden City DIRFIRSTMARCORPSDIST, New Great Lakes NPWC, Illinois Great Lakes NTC, Illinois Guam FLTSURSPTCOM Guam NM Guam NSD Guantanamo Bay NS, Cuba Gulfport NCBC, Mississippi Gulfport NCTC, Mississippi	York	325 270 267 508 511 514 620(H) 310 313
	Ī	
Indian Head NOS, Maryland Iwakuni MCAS, Japan		293 536
	<u>J</u>	
Jacksonville NAS, Florida Jacksonville NH, Florida		207 213
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Keflavik NAS, Iceland Keflavik NCS, Iceland Key West NAS, Florida Keyport NUWES, Washington Kings Bay NSB, Georgia Kittery NSY Portsmouth, Maine		517, 625(H) 521 214 470 245 283
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Lackland AFB NAVTECHTRNGCENDET, Texas Lemoore NAS, California		382 102

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Washington NRL, District of Columbia	201
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Whidbey Island NF, Washington	502
White Sands NAVORDMISSTESTSTA, New Mexico	324
<u>¥</u>	
Yuma MCAS, Arizona	54

BUDGET APPENDIX EXTRACT

Military Construction, Navy

For acquisition, construction, installation, and equipment of temporary or permanent public works, naval installations, facilities, and real property for the Navy as currently authorized by law, including personnel in the Naval Facilities Engineering Command and other personal services necessary for the purposes of this appropriation, (\$1,576,516,000, of which amount, \$38,080,000 for the TACAMO mission shall not be available for obligation or expenditure before October 15, 1988, and, of the amount appropriated, funds allocated for homeporting at Everett, Washington may be obligated and expended for any homeporting military construction activity at that installation, except actual dredging and disposal of contaminated sediment, and that such funds may be expended for actual dredging and disposal of contaminated sediments once requirements of the Federal Water Pollution Control Act have been satisfied) \$1,142,100,000, to remain available until September 30, (1993) 1994: Provided, That of this amount, not to exceed (\$129,000,000) \$84,970,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor.

Further, for the foregoing purposes, \$1,310,300.00, to become available for obligation on October 1, 1990 and to remain available for obligation until September 30, 1995: Provided, That of this amount, not to exceed \$82,499,000 shall be available for study, planning, design, architect and engineer services, as authorized by law, unless the Secretary of Defense determines that additional obligations are necessary for such purposes and notifies the Committees on Appropriations of both Houses of Congress of his determination and the reasons therefor. (10 U.S.C. 2675, 2802-05, 2807, 2828, 2851-54, 2857; Military Construction Appropriations Act, 1989; additional authorizing legislation to be proposed.)

	FISCAL VEAR 1984
	(4:11a)
Militery Construction, Navy	to about the time (in thousands of
	4 100

		Budget COMSTR	udget Plan (amounts for MilliAR) CONSIRUCIIUN actions programed)	Budget Pien (emounts for MilliARY COMSINUCION actions programed)		ace rediction	100 100 I		:
	1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2 1 2	1988 actual	144 9961	1990 ett. 1991	1991 081	1988 actual 1969 est 1990 est 1991 est 1988 ectual 1989 est, 1990 est, 1991 est	1989 684	1890 est.	1991 641
1400									
	Program by activities:								
	Direct prepres:					56.941			
00.0101	Major construction					980			
00 0701						-			
1000 00	_					412			
00 0401	Supporting activities						********** ******** *******		
						57.998			
1000 01	- Teta:								
	Ploanting								
	Offsetling cellections frem:					347			
1000						=			
14 0001						- 301			
1000 /1									
	Unebligated balance available, start of year:					58.654			
21.4002	for completion of prior year but	***							
71 4007		444				658			
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Military Construction: Navy Program and Financing (in Bousants of fullers) FISCAL VEAR 1985

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T t t u		1988 actival 1989 est. 1990 est. 1988 actival 1989 est. 1988 est. 1980 est.	1988 544581 1989 684.	1990 est.	1891 681	1991 est. 1988 ectual		1690 0851	1881
	1.00.								
1010	Direct prepress:					43,853	25.477		
020	Mines cenetruction					7	•		
200	Supporting activities					838	=		
	00.9101 Tatal direct program					070,44	26.382		
0.0	01.0101 Asimburseble pregrem					0			
10.000.01	Jecol	* * * * * * * * * * * * * * * * * * *		958.44		44.050	26,362		
	Financing, Uffesting collections from: federal fundation					36			
8	Non-federal secres(-)					=			
1000	of igations					-261			
21 4002	For negotation of prior yets budget plane					-71,221	-26,362		
21.4003	Available to finance me budget plans	000.4				- 9 .			
24,4002	For completion of prior year budget plans					26,382			
7100	40.0017 Gudget sutherity (Appropriation rescinded) (COU.				000.0			

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Military Construction, Mary		The second secon	
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		Seco	COMSTRUCTION OCTIONS DING! BROOK	18 pr ugr amed)	() and programmed ()			
			:		 . 1980 est. 1988 est. 1890 est.	1909 eat.	1880 041.	1961 881
			1980 actual 1989 est 1990 est	990 000				
11111	Identification code 17-1205-0-1 USI		:					
•	Program by anticities:				818.50	41.715	26,175	
9	Chrect Drogress:				<u>.</u>	1 2		
200					7.	96.2	7	
2 30	Figuring activities				56,700	42,857	27,032	
1018.00	Total dirict program							1
.010	01.0161 Reimbureable program		008.09			42,657	27,032	
1000 01	10101							
100011	_				2,130			
17.000		-24,345			-126.590	-40,000	-27,032	
9	Unebligated belance transferred to oth thebligated belance available, end of	;			***	27,032		
24, 4002	-	19.400	19,400		007.61-			
) (Depol Sees College				 			

Military Construction, Navy Program and Financing (in Thousands of dollars) FISCAL VEAR 1987

	Buiget Plan (amounts for MILITARY Obligations CONSTRUCTION sctions programed)	CONSTRE	CONSTRUCTION actions programed	Budget Plan (amounts for MILITARY CONSTRUCTION actions programed)	Obilgations	0611get tons		
identification code 17-	17-1205-0 1-051	148 GOGS 148	1989 est.	1990 est.	 1989 est. 1990 est. 1988 actual 1988 est. 1980 est. 1981 est.	.190 001.	1990 est.	1991 051
Pregrae by activities: Direct pregrae: 00.000 Bajer canaiructien 00.000 Premium 00.001 Standing 00.0001 Supporting settivities	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1				43,657 463 397 1,407	35,813 114 144 144	24,011 643 164 823	24,512 414 112 556
00,9101 Total direct pregram	E - 20-				45.924	30.633	25.641	25.634
01.0101 Reimbursable program	Ę							
10.0001 Total		:		1941 414 414 414 415 416 417 417 417 417 417 417 417 417 417 417	63.048	36,623	25.641	25.634
Financing: Offseting cellections from: 11.000 Fadoral funds(-) 14.000 Macrosy of prior year abilgs 17.0001 Macrosy of prior year abilgs	(lone from) feet - year obligations				-12,602 -2,678 -1,845			
21.4002 For completion 22.4003 Available 10 file 21.4003 Available 10 file 21.4001 Reprograming from 22.4001 Gnebilgsted belan	Umbilgated balance seellalle, start of year: for cessitelete of prior year budget plans Available te finance new budget plans Available te finance new budget plans Umbilgated balance transferred to alter eccounts	.210 198 210			-135,633	.00.00	-\$1,275	-25,834
Unobligated belan 24,4002 Far caciletten	Unobligated belance available, and of year: Far cacpistion of prior year budget plans				12, 215 215, 634	\$1,275	25,634	
		•			•			

Military Construction, Nevy Program and Finanting (in Dunsands of dollars) FISCAL YEAR 1988

		Budget Plan (amounts for MILITARY CONSTRUCTION actions programmed)	udget Plan (amounts for MILLIAN COMSTRUCTION actions programed)	Budget Plan (amounts for MILLIARY CONSTRUCTION actions programed)	1 1 1 1 1 1 1 1 1	Obj 1981 iana	0611gettons		
1 11 1 11 10 17 1		1988 actual	1989 081.			891. 1981 931. 1988 SCICE 1989 681. 1880 681. 1881	1969 481.	1590 est.	.1991 est.
00.000	Program by activities: Disci, program Disci, progra	1, 267, 654				1,097,626 14,438 129,635	62,270 1,306 368	54,097	*. ***
90.9101		1,414,154	:			1,241,697	64.022	54,257	27.128
1010.10	01.0101 Reimbursable program					394,404			
10.0001	19191	1,808,558		1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1					27.128
11,0001	-	-203,586				-203,566	-172,457	-106,434	-54,177
24. 4002	Unebitated belance available, and of year: for completion of prior year budget plans					172,457	100,434	54.177	37.848
39 0001	Budget autherity	1,414,154				1,414,154			
40.0001 41.0001 42.0001	Budget autherity: 0.0001 Appropriation 41.0001 Iransferred to other accounts(-) 42.0001 Iransferred from other accounts	1,417,311 -35,019 -31,862				1,417,311			
43.0001	Appropriation (adjusted)	1,414,154				1,414,154		48.4.4.4.4	

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region by activitive activities by activities activities by activities attact of year. Amonths and activities activities and acti			troped) ref d tegood	Bouget Plan (seconts for MILITANY	Plan (amounts	DUCATE Plan (amounts for Milliamy DUCATE Plan (amounts for Ducate Plan (amounts for Ducate Plan Ducate					
region by activity. Supporting activities Total direct program Networking activities Total direct program Total direct program Networking activities Total direct program Total direct pro						1000	1991 681.	1988 BC1u81	. 1949 6861	1990 881.	1991 051.
Direct pougles: Major construct: Major construct Major construct	i dent 1 f	testian code 17-1205 U-		180178 8961							
Delect program: **Substitute: **Inanting** **Substitute: **Sub	-	Program by activity.	;						1,269.691	45,942	49.638
laming portion activ otal direct program tatal fatal fatal fatal fatal for completions from: for completions activities attact of year for completion of for year budget plans for completion of prior year budget plans for completion of prior year budget plans for completion of prior year budget plans	1010.00				16, 300					24.196	5.531
nersoursable program fats: Insucing: Offsetting cellections from: Faders! sevels For deapleton of prior year budget plans for cappleton of prior year budget plans	88				919,414						54.295
Total Transchips Offsetting collections from: Federal sevices For deapleton of prior year of year: For completion of prior year budget plans (wobligated belance available, and of year: For completion of prior year budget plans (wobligated belance available, and of year: For completion of prior year budget plans	00.8	otel direct program			300 000						
Insucing: Offsating callactions from: Federal Goods. Non-Federal Goods. Non-Federal Goods. Non-Federal Goods. Unabligated belance available, start of year: Unabligated belance available, and of year: For capplation of prior year budget plans Fed. Capplation of prior year budget plans	1010 10	hetwoursable program			1.876.516						56, 285
Insucing: present collections from: present funds(-) increased funds(-) increased sectors sectors to the collection of year: increased belance available, start of year: for completion of prior year budget plans (wobligated belance evailable, and of year: for completion of prior year budget plans	10.000	10191			•						
Umabilgated belance available, alari of year; for complation of prior year budget plans for complation of prior year budget plans for complation of prior year budget plans	1000 11	Financing: Offseting cellections federal funds(-) Non-Federal Sources(-)			-204,800				-204,800	-107,052	-112.501
(mobiligated belonce evaluation of prior year budget plans	21.4002	Unabligated balance avai	Alebra, scart of year; Try year Didget place							112,501	56.296
	24.4002	thobilipated delance average for the formula of price	or year budget plans		414 343			1	1,576,516		

Military Construction. Navy Programmed Programmed Construction (in Housewide of dollars) (156At VLAR 1990) Program and Financing (in Housewide of Construction Co

	•	Budget Plan (amounts for MII 11ARY CONSTRUCTION actions progressed)	programed)	!	Builget Plan (amounts for MIIIARY CONSTRUCTION actions prugramed)	1000	1991 001.
	の対の立	1988 ectual 1989 ast.	1990 est. 1991 est. 1986 actual	181 -181	Setter 1909 ast. 1990 est. 1901 est. 1966		
Jentification code 17-1205-0-1-051	:					913.867	36.636
STATE AND COLOR			1,037,320			10, 155	2.075
٥			04.970				1,246
						997,890	57.00
0 0301 Planning 0.0401 Supporting activities	:		1,142,100			000 0	
N 9101 fotal direct program			300,000				57.684
11.0101 Relaturable progress		1,442,100	1,442,100				
0.0301 Tetal						-204.800	
Financing:			-204,830			-95,200	
11 0001 Federal Curds(-) 14 0001 Nen-federal SaurCas(-)	t of year:					012 777	-144,210
Unebligated Delians of Drior year budget plane 17,4002 For completion of Drior year Unebligated betance available.	der plans of year: contains			!		1,142,100	
24.4002 for completion of pilot year com-			1,142,100	*******			
40,0001 Budget autherity (Appropriation)	(Aparopilation)						

		E-Hyper Plan (em.	CONSTR.	ruigel Plan (amounts fur Milliam CONSTRUCTION actions programmed)	Budget Plan (amounts for MilitaRY CONSTRUCTION actions progresed)			Otiligations	us MILITARY OUSTgations progressed)	
11.1	identification code 17-1205-0 1-051		-	180 5051	1890 681	1991 #81.	1991 gst. 1988 actual	. 1969 696	1988 action 1469 est. 1996 est. 1989 action 1968 est. 1984 est.	-189 - est.
000 000	Pregram by metivities: Direct pregram: DO 0101 Major construction DO 0201 Minar construction DO 0301 Planning DO 0401 Supporting activities		•							1,058,096 13,228 74,074 2,872
1018.00	Total direct program					1,310,300				1,148.278
5	01 0101 Reimbursable program					300,000				300,000
ē	10.0001 Tetal		4 1 4 1 1 1 1	8		1,610,300	t t t t t			1.448.278
11,0001	financing: Ofsating collections from: I federal invaic. I Mon-Federal succest. Monbigated balance available, end of	figuiting collections from: Faderal funcial thickers Rearral funcial thickers Rearral funcial thickers Rearral funcial for the force of the force equilister of prior year:				-204,800				-204,800 -95,700 161,830
8	40.0001 Budget autherity (Approprietion)	000000000000000000000000000000000000000	000.010.1	1	•	1.310.300				1.310 300

Program and Financing (in Thousands of doilers) Submany

		90000 10000	Gudget Plan (amounts for MILITARY (UMSHUCTIUM actions programed)	for MILITARY s programed)			Obitpetions		
Identif		1988 actual	1980	1880 086	1991	1000 BCtC81 1000 cst.		1980	
00 00 00 00 00 00 00 00 00 00 00 00 00		1,267,654	1,419,397	14.000		1, 297, 696 18,014 130,084	14,908		17,149
3 0	Jetal direct prepra	1,414,154	1,576,516	1,142,100	1,310,300	1,447,157	1,560,759	1.179.031	1,316,011
1010,10	01.0101 deimbureable program	394,404	300.000	300.000	300.000	411,638	300,000	300.000	300.000
10 000 01	Tetal	1,606,556	1.876.516	1,447,100	1,610,300	1.858.785	1,840,759	1.479.401	1.616.011
900.51	.	-203,566	-204,800	-204,800	-204,600	-213,450 -193,546 -4,643	-204,600	25.25.	-364,880
21,4003 21,4003 21,4007 27,4001		-31,355 -460 5,155				-392,098 -31,355 5,155	-386,636	-374,393	-336.612
24, 4802 25, 0001	Underligated believes evel able, and of year: For completion of prior year budget claim Underligated beleace topsing	959				358.636	374,393		330.63
39.0001	Budget authority	1,386,152	1.576.516	1,142,100	1,316,300	1.388.152	1.878.516	1,142,193	1,318.300
40.0001 40.00017 41.00014 42.0001		9,437,313 -26,200 -35,019 -32,060	3.576.516	1,142,100	1,310,300	1,417,311 -26,206 -35,019 -35,060	1.878.U	1,578,516 1,142,100 1,318,300	1.316.36
43 0001	43.000! Apprepriation (adjusted)	1,388,152	1.570.510	1, 142, 100	1,310,300	1,308,152	1.576.516	1,142,100	1,316,300
71 '001 72.4001 74.4001 77.0001 78.0001	Relation of abligations to outlay: Obligations incurred, Obligation behave, also if year Obligated behaves, and of year Adjustments in expired accounts Adjustments in expired accounts				1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	1,451,799 1,791,799 1,816,940 1,519 1,519	1	1,179,461	1,316,011
1000.00	Outlays					1.708.524	1.527.400	1.422.100	1.284.980

61, 753 00, 462 2, 428 2, 448 2, 428 2, 949 17, 506 17, 202 1, 533 8, 244 1, 533 8, 244 1, 533 8, 244 2, 812 8, 248 2, 812 1, 468 2, 813 1, 468 2, 813 3, 461 2,	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	25.00 20.00	96, 289 1, 550 10, 550 17, 20, 20, 20, 20, 20, 20, 20, 20, 20, 20
1,352 1,558 1,508	8 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	95,042 3,506 1,506 17,035 17,035 1,237 1,237 1,236 2,042 2,042	20, 200 20, 200 200 200 200 200 200 200 200 200 200
2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	# 5	1,036 1,036 1,036 1,036 1,036 1,237 1,230 2,032 2,042	1,726 10,950 17,022 17,022 17,022 17,022 1,236 1,236 1,838 1,838
2. 428 1.508 1.508 1.508 1.503 1.503 1.503 2.085 2.085 2.085 2.085 2.085	2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	1, 200 17, 035 17, 035 5, 256 5, 237 1, 237 1, 231 2, 042 2, 042	2,550 17,327 2,237 2,236 1,236
1, 50 8 1, 50 8 1, 50 8 1, 50 8 1, 50 9 1, 50 9 1, 50 9 2, 50 9 2, 185 9 3,	86.056 77,202 72,802 72,802 72,802 72,002 74,146 74,117 74,118 74	17,035 17,035 2,377 2,377 5,489 1,281 2,237 2,043	17.322 17.322 2.237 2.237 2.236 1.230 1.230 2.655 2.655 2.655 2.655 1.656 1.656
17,508 4,819 1,533 1,533 1,533 2,532 2,185	2, 202 2, 24 2, 24 2, 24 3, 46 1, 46 1, 27 1, 27 1, 27 1, 27 1, 27 1, 28 1, 27 1, 28 1, 28	17,035 2,258 2,377 5,489 1,291 2,001 2,042 2,042	1.022 2.23 2.23 2.23 5.23 6.23 6.53 6.53 6.53 6.53 6.53 6.53 6.53 6.5
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4,819 1,533 2,253 2,913 2,913 34,053 2,282 2,282	25.25 26.25	2,258 2,337 2,237 1,230 2,130 2,030 2,042	2,272 2,272 1,234
2,185 2,165 2,165 34,065 2,185 2,185 2,185	2.802 6.461 1.46 2.401 2.401 2.401 1.507,785 1.506,956	2,377 5,488 1,237 26,138 2,042	2,237 5,256 1,238 1,245 1,556 1,556
5,251 2,912 2,165 34,057 2,165 2,162 2,182	2. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4. 4.	5,489 1,237 26,139 2,042	24.22. 24.22. 24.22. 24.23. 24.23.
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2,165 34,057 2,282 2,182	2,401 2,401 1,977,785 1,549,535	1,281 26,138 2,042	24.24
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2.102	1,377,785		
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989.901 Tetal abilgations				;	
Obstantions ore distributed or felloss: Defence-Millery-Movy		1,655,632	1,849,536	7, 227	5.147
Department of Transportation		1,050,195		1,479,061	1.016.0
Total Obligations					

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SPECIAL PROGRAM CONSIDERATIONS

DEPARTMENT OF THE NAVY FY 1991 MILITARY CONSTRUCTION PROGRAM

Special Program Considerations

Pollution Abatement

The military construction projects proposed in this program will be designed to meet environmental standards. Military construction projects proposed primarily for abatement of existing pollution problems at Naval and Marine Corps installations have been reviewed to ensure that corrective design is accomplished in accordance with specific standards and criteria.

Energy Conservation

The military construction projects proposed in this program will be designed for minimum energy consumption.

Floodplain Management and Wetlands Protection

Proposed land acquisitions, disposals, and installation construction projects have been planned to allow the proper management of floodplains and the protection of wetlands by avoiding long and short-term adverse impacts, reducing the risk of flood losses, and minimizing the loss or degradation of wetlands. Project planning is in accordance with the requirements of Executive Order Nos. 11988 and 11990.

Design for Accessibility of Physically Handicapped Personnel

In accordance with Public Law 90-480, provisions for physically handicapped personnel will be provided for, where appropriate, in the design of facilities included in this program.

Preservation of Historical Sites and Structures

Facilities included in this program do not directly or indirectly affect a district, site, building, structure, object or setting listed in the National Register of Historic Places, except as noted on the DD Form 1391.

Planning in the National Capital Region

Projects located in the National Capital Region are submitted to the National Capital Planning Commission for budgetary review and comment as part of the commission's annual review of the Five-Year Defense Program (FYDP). Construction projects within the District of Columbia with the exception of the Bolling/Anacostia area are submitted to the Commission for approval prior to the start of construction.

Environmental Protection

In accordance with Section 102(2)(c) of the National Environmental Policy Act of 1969 (Public Law 91-190), the environmental impact analysis process has been completed or is actively underway for all projects in the military construction program.

DEPARTMENT OF THE NAVY FY 1991 MILITARY CONSTRUCTION PROGRAM

Special Program Considerations (Continued)

Economic Analysis

Economics are an inherent aspect of project development and design of military construction projects. Therefore, all projects included in this program represent the most economical use of resources. Where alternatives can be evaluated, a primary economic analysis was prepared and the results indicated on the DD Form 1391.

Construction Criteria Manual

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

Congressional Report Requirements

Include the project for modernization and dry dock cover at the Portsmouth NSY, Kittery, ME in the FY 1990/1991 budget request. SASC Report 100-326, dated May 4, 1988, page 147. This project, P-228, is in the FY 1991 budget request.

Special Operating Forces

The total amount for special operating forces projects in the FY 1991 budget request is \$8,200,000 and includes the following projects:

PROJECT	LOCATION	AMOUNT REQUESTED (\$000)
Maritime Training Facility	NAB Coronado, CA	2,200
Desert Operations Facility	NAB Coronado, CA	6,000

PROJECT JUSTIFICATION FORMS INSIDE THE UNITED STATES

NAVY		FY	1991 MILI	TARY C	ONSTRUC	TION PRO	GRAM	2	. DATE	
. INSTALLATIO	ON AND LO	CATION			4. COMMAI	ND		5	. AREA CO	
NAVAL AIR Adak, Ala		•				ANDER IN (CHIEF.		3.52	NDEX
. PERSONNEL		PERMANENT	7		STUDENTS			SUPPORTE	D	
STRENGTH R. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END-FY	74	928	177	0	0	0	101	455	ာ	1735
1994	90	1083	177	0	0	0	105	491	0	1846
		•	7.	INVENTO	RY DATA ((000				
b. INVENTORY C. AUTHORIZA C. AUTHORIZA d. AUTHORIZA d. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TO L. PROJECTS F	TION NOT TION REQU TION INCL N NEXT TH DEFICIENTAL	YET IN II JESTED IN LUDED IN I HREE PROGI	THIS PROFOLLOWING	PROGRAM				29,760 13,470 3,200 8,250 10,920 56,600 52,200		
CATEGORY		PROJECT				SCOPE		DST 0001	Fasion Start	
	LID WASTE	DISPOSAL				LS		3,200	\$!ART 11/ES	COMPLETE C1/90
134.70 EH	RE STATIO F STA COM		og.			17,510 LS LS	SF	7,120 600 3,200		
			facilitie		de servic					
open Navy ship Nort	ations of and others and air h Pacific	f aviation er activi- craft this. Deploy eval Ocean	ties and i roughout /ment site	units; a the Aleu e for a	nd provid tian chai P-3 aircr	the opera e emergen n, the Be	ting for cy servi ring Sea	ces of th ces to , and the	10	,
Main open Navy ship Nort Supp Nort Supp A: OUTSTANDI A: POLLU B: INSTA	ations of and others and air h Pacific orts a Na NG POLLUTION ABAT LLATION F	Faviation or activit coraft the c. Duplot eval Ocean	ties and incomposition of the composition of the co	units; a the Aleu e for a Facilit	nd provid tian chai P-3 aircr y. ES: (\$0	the opera e emergen n, the Be aft ASW p	ting for cy servi ring Sea	ces of th ces to , and the	10	

PAGE NO.

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1. COMPONENT									2. DATE	
NAVY		FY	1991 MIL	TARY C	ONSTRUC	TION PRO)GRAM			
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND			S. AREA CO	
NAVAL SECI Adak, Ala		DUP ACTIV	ETY,		NAVAI COMM	L SECURITY	Y GROUP		3.52	IMUEA
6. PERSONNEL		PERMANEN'	†		STUDENTS			SUPPORT	ED	1
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	CIVILIAN	TOTAL
a. AS OF 09/30/88	16	449	11	-	0	0	0	-	0	476
b. END FY 1994	22	550	11				۰			583
	Ļ	<u></u>	7.	INVENTO	RY DATA ((000				
a. TOTAL ACR	FAGE				8,820)					
D. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED ? g. REMAINING h. GRAND TOT 8. PROJECTS R	TION NOT TION RECO TION INCO N NEXT TO DEFICIES TAL	YET IN II JESTED IN LUDED IN I HREE PROGI	NYENTORY. THIS PROFOLLOWING RAM YEARS	GRAM				65,500 17,460 2,500 3,200 11,000 42,800 42,460		
CATEGORY							c	OST	DESIGN	STATUS
CODE		PROJECT					(\$	(000)	START	COMPLETE
131.55 OP	TOTAL	BLDG ADD	ITION			1,200	SF	2,500	11/88	01/90
O GUTURE DR	- IFOTE								 	
9. FUTURE PR						•				
A. INCLUDE 143.80 CL	ED IN FOI ASSIC WIT TOTAL		ROGRAM			8,000	SF	3,200		
B. MAJOR 1 132.10 LF						LS		11,000		
prov for	activity	y is part	of the wi	re and p	telecomm oint-to-po stems and	oint comm	unicatio	ns		
11. OUTSTANDI			SAFETY DE	FICIENCI	ES: (\$0					
A: POLLU B: INSTA	LLATION !	RESTORATIO				0				
C: OCCUP	ATIONAL S	SAFETY AND	HEALTH	(DSH):		0				
						*				
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PAGE NO 51

1. COMPONENT	FY 1	9 91 MILITARY CO	N	STI	RU	C.	TIO	N PR	DJECT DA	TA	2. D	ATE
3. INSTALLATION A	ND LOC	ATION	_	_		Ī	4. PF	OJEC	TITLE			
NAVAL SECURIT	Y GRO	UP ACTIVITY,				١						
ADAK, ALASKA		•				1	0	PERA	TIONS BUI	LDIN	IG AI	DDITION
S. PROGRAM ELEM	ENT	6. CATEGORY CODE	T	, PR	OJE	C	TNU	MBER	8. PROJ	ECT C	OST (\$000)
0305896N		_131.55	l	P	-07	75			2,	500		
		9. CO	ST	€51	IM/	٩T	E\$					
		ITEM						U/M	QUANTITY		TR	COST (\$000)
GPERATIONS BU	ILDIN	G ADDITION	•	•	•		•	SF	1,200	-		800
BUILDING AD	DITIO	N	•					SF	1,200	575.	00	(690)
BUILT-IN EC	UIPME	NT					•	LS	-	-		(110)
SUPPORTING FA	CILIT	IES					•	-	-	-		1,460
SPECIAL CON	ISTRUC	TION FEATURES					•	LS	-	-		(800)
ELECTRICAL	UTILI	TIES	•	,				LS	-	-		(140)
MECHANICAL	UTILI	TIES	•	•			•	LS	-	-		(370)
PAVING AND	SITE	improvement	٠				•	LS	-	-		(<u>150</u>)
SUBTOTAL			•	•				-	-	-		2,260
CONTINGENCY	(5%) .		٠	٠		•	•	-	[-	-		110
TOTAL CONTRAC			•	٠		•	•	-	-	-		2,370
SUPERVISION,	Inspe	CTION & OVERHEAD	(5.5	%) .	•	•	-	-	-		130
TOTAL REQUEST	:		•	•				-	-			2,500
EQUIPMENT PRO	VIDED	FROM OTHER APPRO)PI	RIA	TIC)N	IS	-	-	(NON-	-ADD	(0)
10. DESCRIPTION O	FPRÓPO	MED CONSTRUCTION	_									

One-story reinforced concrete building addition, pile foundation, ventilation, utilities; fire protection system to include the entire building.

11. REQUIREMENT: 37,500 SF. ADEQUATE: 36,300 SF. SUBSTANDARD: 0 SF. PROJECT: Provides an addition to the operations building; fire protection for the entire facility. (Current mission.)

REQUIREMENT: Additional properly-configured space to accommodate mission essential electronic systems in support of critical Defense Communications System (DCS) communications. Fire protection to meet current regulations. CURRENT SITUATION: The existing facility is inadequate to support any additional modern electronic equipment, and is presently without required fire protection.

IMPACT IF NOT PROVIDED: The NSGA will not be able to accommodate new DCS supporting equipment, and will continue to operate in inadequate facilities without fire protection.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

01	2. DATE
FY 19MILITARY CONSTRUCTION PROJECT D	ATA
AND LOCATION	
TY GROUP ACTIVITY, ADAK, ALASKA	
	S. PROJECT NUMBER
UILDING ADDITION	P-075
ENTAL DATA:	
Status: (a) Date Design Started	100 5-89
Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X
Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>60</u>) (<u>150</u> (<u>130</u>)
-	1-91 (month and year)
	L be provided
	AND LOCATION TY GROUP ACTIVITY, ADAK, ALASKA UILDING ADDITION ENTAL DATA: imated design status: (Project design conformate design status: (Project design conformate design status: (Project design conformate design status: (Project design Confict design Control (Project design Control (Proj

NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	OGRAM			
INSTALLATIO	IN AND LO	CATION			4. COMMA	NO			AREA CO	NSTR.
MARINE CO		STATION,	·			ANDANT OF	THE		COST I	
YUMA, ARI	ZONA				L	NE CORPS			1.19	
STRENGTH		PERMANEN	·	1	STUDENTS			SUPPORTE		TOTAL
AS OF 09/30/88	OFFICER	ENLISTED 3835	CIVILIAN 344	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	-	
END FY	420 166	3633 567	533	150	25 25	•	143	1522	415	622
				L	RY DATA		102	3603	419	622
. TOTAL ACRI	FAGE				62,599)					
D. INVENTORY D. AUTHORIZA D. AUTHORIZA D. AUTHORIZA D. AUTHORIZA D. PLANNED IN D. REMAINING D. GRAND TOT D. PROJECTS R	TION NOT TION REQU TION INCL N NEXT TH DEFICIEN 'AL	YET IN II JESTED IN JUDED IN I HREE PROGI	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM				22,360 33,480 3,000 13,660 33,000 96,580 02,080		
CATEGORY							c	OST	DESIGN	SUTATE
CODE		PROJECT JPPLY WAR					(\$	000)	START	
	TOTAL							3,000		
. FUTURE PRO	JECTS:							·		
A. INCLUDE	D IN FOL	LOWING P	ROGRAM							
	EL WATCH	HANGAD	FAC			LS 37,300		800 12,240		
		TNESS CT	RADDN			3,730	SF	620		
B. MAJOR F		JEYT THOSE	. VEADC					15,660		
116.35 ARM	1/DE-ARMI					25,200		2,000	•	
2.1.00		12111 110110				LS		10,000		
opera	de faciliting ele emance, IG POLLUT TON ABAT LATION R	ities, sements of air-traff ION AND : EMENT	a Marine Fic contro SAFETY DE	Aircraft	tial neces t Wing, 4 aviation (<u>\$5</u> : (<u>\$0</u>)	ncluding promance 20)	aircraft	-		

NO. 54

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1. COMPONENT FY 19 91 MILITARY CONSTRUCTION PRO						OJE	CT DA		2. D/	ATE			
3. INSTALLATION	AND LOC	ATION				4. PI	ROJECT	TIT	LE				\neg
MARINE CORPS	AIR S	TATION.				1							
YUMA, ARIZON						, ا	TATV	ION	SUPPL	Y WAR	ено	MSE	
S. PROGRAM ELEM		6. CATEGO	DRY CODE	7. P	ROJEC		MOER	- 4.1	8. PROJ				
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0206496M		441	1.10		P-44	1				3,000			
			9. CO	ST EI	AMIT	TES							
		ITEM					U/M	QU.	NTITY	UN:		COST (\$000)	
AVIATION SUP	PLY WA	REHOUSE.				•	SF	40	390	-	\neg	2,360	<u>, </u>
BUILDING-G	eneral	STORAGE	B				SF	44	1,390	47.	00	(2,090))
HAZARDOUS A	AND FL	AMMABLE	STORAGE.				SF	: ا	2,000	135.	00	(270	וֹנ
SUPPORTING F	ACILIT	IES					-	l	_	-		350	
UTILITIES.							LS		_	-	- 1	(50	3)
PAVING AND	SITE	IMPROVEN	MENT				LS		-	-		(200	
DEMOLITION							LS		-	-		(100))
SUBTOTAL							-		-	-		2,710	5
CONTINGENCY	(5%) .						-	Ì	_	-	i	130)
TOTAL CONTRAC	CT COS	т					-	1	-	i -		2,840	5
SUPERVISION,	INSPE	CTION &	OVERHEAD	(5.	5%).		-	i	_	-		160)
TOTAL REQUES!	r						-		-	-		3,000	5
EQUIPMENT PRO	OVIDED	FROM OT	THER APPRO	PRI	OITA	NS	-		- (NO	N-ADD)	(0))
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							1	1					
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							1			1	- 1		
10. DESCRIPTION O	FPROPO	SED CONST	RUCTION					L		<u> </u>			

One-story masonry load-bearing wall high-bay building, concrete foundation and floor, built-up roof, 12-foot stacking height, administrative space sound attenuated and air conditioned, fire protection system, utilities; demolition of three buildings.

11. REQUIREMENT: 171,290 SF. ADEQUATE: 124,900 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a warehouse for general aviation and hazardous and flammable storage. (New mission.)

REQUIREMENT: Adequate storage facilities to accommodate the needs of Marine Air Group-13 (MAG-13). The MAG-13 complement of four AV-8B tactical squadrons and a full support squadron places a significant impact on limited available space.

CURRENT SITUATION: Yuma's adequate aviation supply warehouse space will satisfy only 73% of that necessary when a military construction project presently under construction is complete.

IMPACT IF NOT PROVIDED: Yuma cannot adequately support MAG-13 and associated units with necessary warehouse space.

ADDITIONAL: Insufficient warehousing in the civilian community limits leasing as a viable alternative.

(Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 19 MILITARY CONSTRUCTION PROJECT D	
3. INSTALLATION	AND LOCATION	
	AIR STATION, YUMA, ARIZONA	
4. PROJECT TITLE		S. PROJECT NUMBER
AVIATION SUP	PLY WAREHOUSE	P-441
12. SUPPLEN	ENTAL DATA:	
	imated design status: (Project design conformation of the design Guid design Guid Planning and Design Guid	
(1)	Status: (a) Date Design Started	<u>100</u> 5-89
(2)		Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	200 (50)
(4)		12-90 (month and year)
	ipment assor ted with this project which will appropria on None.	L be provided

1. COMPONENT		FY	1991 MiL i	TARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
NAVY										
3. INSTALLATION AND LOCATION 4.						4 0		1	5. AREA CO COST J	
MARINE CORPS AIR STATION, CAMP PENDELTON, CALIFORNIA						NDANT OF	THE		1.12	
6. PERSONNEL		PERMANEN'	г		STUDENTS			SUPPORT	ED	
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 09/30/88 b. END FY	7	64	10	٥	0	0	225	1266	10	1582
1994	5	106	2	124	72	0	529	2879		3717
			7.	INVENTO	RY DATA ((000				
a. TOTAL ACRI b. INVENTORY c. AUTHORIZAT d. AUTHORIZAT e. AUTHORIZAT f. PLANNED IF g. REMAINING h. GRAND TOT	TOTAL ASTION NOT TION REQUIRED INC. TION INC. TION INC. TION NEXT THE DEFICIENT	YET IN II JESTED IN JUDED IN I AREE PROGI	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM				29,980 26,940 3,900 4,080 6,960 23,680 95,540		
8. PROJECTS R	EQUESTED	IN THIS	PROGRAM:							
GATEGORY								OST	DESIGN	
218.20 CON	NSTR & W	PROJECT HNDLG E				25,390	(1 SF	3,900	START 04/88	COMPLETE 09/89
	TOTAL							3,900		
9. FUTURE PRO	DJECTS:									
	FIRE &	RESC STA				1,980 : LS 12,550 :	_	580 1,000 2,500 4,080		
8. MAJOR F 143.47 ALI 211.85 LIN	ERT FORCE					LS 5,000	S F	450 410		
10. MISSION OR MAJOR FUNCTIONS: As a key component of the Commander, Marine Corps Air Bases, West, provides airfield facilities and material to support operations of the third Marine Aircraft Wing Unit.										
11. OUTSTANDIN	TION ABA	TEMENT		- ICIENCI	<u>ES</u> : (<u>\$0</u>	<u> </u>				
B: INSTAI C: OCCUPA				(OSH):		,				
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PAGE NO.

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DD FORM 1390 1DEC76

1. COMPONENT	EV 1	91 MILITARY CO	NSTRUC	TION PR	OJECT DA		PATE
FY 19 91 MILITARY CONSTRUCTION PROJECT DATA							
3. INSTALLATION A	ND LOC	ATION		4. PROJEC	TITLE		
MARINE CORPS AIR STATION, CO					RUCTION A	ND WEIG	HT
					ING EOUIP	MENT SH	OP
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJEC	TNUMBER	8, 2803	ECT COST (\$000)
			1		1		
0206496M		218,20	P-584			900	
		9. COI	T ESTIMAT	res .			
		ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)
CONSTRUCTION	AND W	EIGHT HANDLING EQ	UIP SHO	P. SF	25,390	85.00	2,160
SUPPORTING FA	CILIT	IES			_	-	1,360
ELECTRICAL UTILITIES				· LS	-	-	(200)
MECHANICAL				. LS	-	-	(140)
PAVING AND	SITE	IMPROVEMENT		LS	 -	-	(<u>1,020</u>)
SUBTOTAL				• -	-	-	3,520
CONTINGENCY				. -	-	-	180
TOTAL CONTRAC				• -	-	-	3,700
		CTION & OVERHEAD	(5.5%).	• -	-	-	200
TOTAL REQUEST	-			. -] -	-	3,900
EQUIPMENT PRO	WIDED	FROM OTHER APPRO	PRIATION	NS -	-(100	N-ADD)	(0)
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10. DESCRIPTION OF PROPOSED CONSTRUCTION

One two-story steel frame building and one one-story shop building, concrete floors and foundation, masonry walls, built-up roof, training and administrative areas, holds, sound attenuation, vehicle loading ramps, washracks, hazardous nearial storage, security fencing and lighting, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 25,390 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides facilities to house a heavy equipment shop, training, and administrative functions of the Marine Wing Support Squadron 372 (MWSS-372). (Current mission.)

(MWSS-372). (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to train, service, and properly maintain vehicles and equipment assigned to the squadron, thereby extending their useful service life. MWSS-372 has approximately 600 personnel and 1,500 pieces of equipment.

CURRENT SITUATION: MWSS-372 was recently organized at this station and there are no facilities available to house this function.

IMPACT IF NOT PROVIDED: Tents, trailers, and temporary buildings will have to be used with an adverse effect on the squadron. The lack of facilities make it impossible to properly maintain the vehicles and equipment. The Commanding Officer and his staff will not be able to properly administer and supervise personnel and activities.

(Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 19 ⁹¹ MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
MARINE CORPS	AIR STATION, CAMP PENDLETON, CALIFORNIA	
4. PROJECT TITLE		S. PROJECT NUMBER
CONSTRUCTION	and weight handling equipment shop	₽-584
12. SUPPLEM	SNTAL DATA:	
	imate∂ design status: (Project design conform	
Military Hand	book 1190, "Facility Planning and Design Guide	e.")
(1)	Status:	
	(a) Date Design Started	···· <u>4-88</u>
	(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	11-88
	(d) Date Design Complete	9-89
(2)	Basis:	
,_,	(a) Standard or Definitive Design:	Yes No X
		N/A
(3)		(\$ 000)
	(a) Production of Plans and Specifications.	(
	(b) All Other Design Costs(c) Total	····· (<u>215</u>)
	(d) Contract	<u>420</u>
	(e) In-house	
(4)	Construction start	12-90 month and year)
b. Equi	pment associated with this project which will	be provided
	propriations: None.	Do provided
		i
		j
		į
		i i

DD 1 0807, 13910

MARINE CORPS BASE COMMANDANT OF THE	A. COMMAND 5. AREA CONSTR. COST INDEX		
MARINE CORPS BASE	COMMANDANT OF THE MARINE CORPS STUDENTS SUPPORTED TOTAL NA OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN B		
CAMP PENDLETON, CALIFORNIA MARINE CORPS 1.5	MARINE CORPS 1.12		
STRENGTH a. AS OF OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVIL OFFICER ENLISTED ENLIS	TOTAL NA OFFICER SNLISTED CIVILIAN OFFICER SNLISTED CIVILIAN B		
### AS OF OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED ENDIT ENLISTED CIVILIAN OFFICER ENLISTED CI	NN OFFICER NALISTED CIVILIAN OFFICER ENLISTED CIVILIAN 8 0 800 0 1981 26515 722 45764 9 66 3964 0 1981 26515 2187 40634 7. INVENTORY DATA (\$000) (186,021)		
Deal of the color of the colo	### 1984 0 1981 26515 2187 4063 7. INVENTORY DATA (\$000) (
7. INVENTORY DATA (\$000) a. TOTAL ACREAGE b. INVENTORY TOTAL AS OF 30 SEP 88 c. AUTHORIZATION NOT YET IN INVENTORY. d. AUTHORIZATION REQUESTED IN THIS PROGRAM. d. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM. d. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM. d. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM. d. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM. d. PLANNED IN NEXT THREE PROGRAM YEARS. d. REMAINING DEFICIENCY. d. GRAND TOTAL. d. 1.004.700 a. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY PROJECT TITLE SCOPE (\$000) START 179.45 MIL OPS IN URBANIZED TERRN 217.10 ELECS/COMM MAINT SHOP 37.810 SF 3.900 11/8/ 722.10 MESS HALL 17.200 SF 3.600 11/8/ TOTAL 17.200 SF 3.600 11/8/	7. INVENTORY DATA (\$000) (186,021)		
B. TOTAL ACREAGE b. INVENTORY TOTAL AS OF 30 SEP 88	(186,021) S52,650 141,580 ROGRAM		
D. INVENTORY TOTAL AS OF 30 SEP 88	S52,650 141,580 ROGRAM 25,000 ROGRAM 25,000 ROGRAM 21,750 228,780 1,004,700 RS 228,780 1,004,700 RS 228,780 1,004,700 RS 25,000 1/88 06/90 37,810 SF 3,900 1/88 01/90 17,200 SF 3,600 11/88 01/90 25,000 1/88 01/90 17,200 SF 3,600 1/88 01/90 31,940 SF 3,900	CATEGORY CODE PROJECT TITLE SCOPE 18000 START 179.45 MIL OPS IN URBANIZED TERRN LS 15,500 12/81 217.10 ELECS/COMM MAINT SHOP 37,810 SF 5,900 11/81 722.10 MESS HALL TOTAL TOTAL TOTAL 25,000 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 143.45 BWT SUPT FACS (SAN ONOFRE) LS 143.45 ARMORY (PULGAS) LS 143.45 ARMORY (PULGAS) LS 14000 171.35 BASIC WARRIOR TRAINING LS 14000 179.50 CBT TRNG AREA (SAN ONOFRE) LS 1.750 214.51 AUTO ORGANIZATIONAL SHOP LS 6,100	LS 750 LS 750 LS 750 LS 750 LS 750 LS 750 LS 750 LS 750 LS 750 LS 750 LS 14.000 LS 1.750 LS 6.100 LS 1.300 LS 7.700 31,940
179.45 MIL OPS IN URBANIZED TERRN 217.10 ELECS/COMM MAINT SHOP 37,810 SF 5,900 11/8i 722.10 MESS HALL TOTAL 17,200 SF 3,600 11/8i 25,000 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 143.45 BWT SUPT FACS (SAN ONOFRE) 143.45 ARMORY (PULGAS) 171.35 BASIC WARRIOR TRAINING 179.50 CBT TRNG AREA (SAN ONOFRE) 179.50 CBT TRNG AREA (SAN ONOFRE) 214.51 AUTO DRGANIZATIONAL SHOP LS 6,100	LS 15,500 12/88 06/90 37,810 SF 5,900 11/88 01/90 17,200 SF 3,600 11/88 01/90 25,000 LS 750 LS 340 LS 14,000 LS 1,750 LS 6,100 LS 1,300 LS 7,700 31,940		
217.10 ELECS/COMM MAINT SHOP 37,810 SF 3,900 11/88 722.10 MESS HALL 17,200 SF 3,600 11/88 9. FUTURE FROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 143,45 BWT SUPT FACS (SAN ONOFRE) LS 750 143.45 ARMORY (PULGAS) LS 340 171.35 BASIC WARRIOR TRAINING LS 14,000 179.50 CBT TRNG AREA (SAN ONOFRE) LS 1,750 214.51 AUTO DRGANIZATIONAL SHOP LS 6,100	37,810 SF		
TOTAL 25,000 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 143.45 BWT SUPT FACS (SAN ONOFRE) LS 750 143.45 ARMORY (PULGAS) LS 340 171.35 BASIC WARRIOR TRAINING LS 14,000 179.50 CBT TRNG AREA (SAN ONOFRE) LS 1.750 214.51 AUTO ORGANIZATIONAL SHOP LS 6,100	25,000 LS 750 LS 340 LS 14,000 LS 1,750 LS 6,100 LS 1,300 LS 7,700 31,940		
A. INCLUDED IN FOLLOWING PROGRAM 143.45 BWT SUPT FACS (SAN ONOFRE) LS 750 143.45 ARMORY (PULGAS) LS 340 171.35 BASIC WARRIOR TRAINING LS 14,000 179.50 CBT TRNG AREA (SAN ONOFRE) LS 1,750 214.51 AUTO ORGANIZATIONAL SHOP LS 6,100	LS 340 LS 14.000 LS 1.750 LS 6.100 LS 1.300 LS 7.700 31,940		
143.45 BWT SUPT FACS (SAN ONDFRE) LS 750 143.45 ARMORY (PULGAS) LS 340 171.35 BASIC WARRIOR TRAINING LS 14,000 179.50 CBT TRNG AREA (SAN ONDFRE) LS 1,750 214.51 AUTO DRGANIZATIDNAL SHOP LS 6,100	LS 340 LS 14.000 LS 1.750 LS 6.100 LS 1.300 LS 7.700 31,940		
143.45 ARMORY (PULGAS) LS 340 171.35 BASIC WARRIOR TRAINING LS 14,000 179.50 CBT TRNG AREA (SAN ONOFRE) LS 1.750 214.51 AUTO DRGANIZATIONAL SHOP LS 6,100	LS 340 LS 14.000 LS 1.750 LS 6.100 LS 1.300 LS 7.700 31,940		
171.35 BASIC WARRIOR TRAINING LS 14,000 179.50 CBT TRNG AREA (SAN ONDFRE) LS 1,750 214.51 AUTO DRGANIZATIONAL SHOP LS 6,100	LS 14,000 LS 1,750 LS 6,100 LS 1,300 LS 7,700 31,940		
214.51 AUTO DRGANIZATIONAL SHOP LS 6,100	LS 6.100 LS 1.300 LS 7.700 31,940		
	LS 1,300 LS <u>7,700</u> 31,940		
	LS <u>7,700</u> 31,940		
	31,940		
O. MISSIGN OR MAJOR FUNCTIONS: Provide housing, training facilities, logistical support, and centain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed. Organize and train replacement units for deployment overseas as directed. Provide logistical support for other Marine Corps activities as directed.	leet Marine Force units and other units ed schools and other training as directed. ent units for deployment overseas as directed.		
	DEFICIENCIES: (\$000)		
1. QUTSTANDING PULLUTION AND SAFETY DEFICIENCIES: (\$000) 3: POLLUTION ABATEMENT 3,580 B: INSTALLATION RESTORATION 9,950 C: OCCUPATIONAL SAFETY AND HEALTH (OSH): 1,380	3,560 9,950		



PAGE NO. 60

1. COMPONENT FY 19 91 MILITARY CONSTRUCTIO						OJECT DA	7A 2. D.	ATE	
3. INSTALLATION	AND LOC	ATION		4. PI	OJECT	TITLE			
MARINE CORP BASE, EL						RONICS CO	MMUNICAT	CIONS	
CAMP PENDLETON, CALIFORNIA MA					AINT	ENANCE SH	OP		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	CT NUMBER 8. PROJECT COST (\$000)					
0206496M		217.10	P-22	9			5,900		
		9. CO	ST ESTIMA	TES					
		ITEM	•		U/M	QUANTITY	UNIT	COST (\$000)	
ELECTRONICS	COMMUN	ICATIONS MAINTENA	NCE SHO	P.	SF	37,810	-	4,400	
ELECTRONIC	S COMM	UNICATIONS SHOP.			SF	24,500	114.00	(2,800)	
TACTICAL VEHICLE SHOP						13,310	120.00	(1,600)	
SUPPORTING FACILITIES						_	-	920	
ELECTRICAL UTILITIES						-	-	(170)	
MECHANICAL UTILITIES						_	-	(130)	
PAVING AND		LS	:		(170)				
DEMOLITION	AND R	EMOVAL			LS	_	-	(<u>450</u>)	
SUBTOTAL				•	-	-	-	5,320	
CONTINGENCY	(5%) .				-	-	-	270	
TOTAL CONTRA	CT COS	т			i -	· -	-	5,590	
SUPERVISION, INSPECTION & OVERHEAD (5.5%)						-	-	310	
TOTAL REQUES	т				-	-	-	5,900	
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIC	NS	-	- (NO	N-ADD)	(0)	
		SED CONSTRUCTION				<u> </u>	L	L	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two one-story reinforced concrete and masonry buildings, metal roofing, concrete foundations and floors, overhead cranes, fire protection system, energy monitoring and control system, ventilation, utilities; demolition of two buildings, removal of contaminated underground tanks, soils, and asbestos.

11. REQUIREMENT: 37,810 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs facilities for maintenance and repair of electronics and communications equipment and vehicles assigned to the Headquarters Battalion. (Current mission.)

Battalion. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to accomplish

prescribed maintenance on electronics and communications equipment and
vehicles.

CURRENT SITUATION: Existing maintenance and storage facilities are dispersed, makeshift complexes consisting primarily of miscellaneous open repair sheds, tents, and quonset huts. Most repair and maintenance is accomplished outdoors where the mechanics and equipment are exposed to inclement weather and operations are complicated by dirt and dust. Indoor space is not only extremely limited, but unheated, poorly lighted and the atmosphere is not conducive to the quality of maintenance required by Fleet Marine Force units.

(Continued on DD 1391c)

1. COMPONENT			2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA	
3, INSTALLATION	AND LOCATION		
MARINE CORPS	BASE, CAMP PENDLETON, CALIFORNIA		
4. PROJECT TITLE		S. PROJE	CT NUMBER
ELECTRONICS	COMMUNICATIONS MAINTENANCE SHOP	1	P-229
IMPACT IF NO be complicate compromised,	MENT: (Continued) FFROVIDED: Meeting prescribed maintenance red if not impossible, quality of maintenance we deterioration of equipment will be accelerated to could be unreliable.	vill be	
12. SUPPLEM	DATA:		
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid		art II of
(1)	Status:		
· ·	(a) Date Design Started	• • • • • •	. 100
(2)	Basis:		
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	YesN	No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	• • • • • • •	. (<u>245</u>) . <u>545</u> . (<u>455</u>)
(4)	Construction start		1-91 and year)
	ipment associated with this project which will ppropriations: None.		•
	•		

DD 1 DEC 76 1391C

1. COMPONENT	COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA									
NAVY	FY 1	19 91 MILITARY CO	NSTRUC	TIO	N PR	OJE	CT DA	ΓA		[
3. INSTALLATION A	ND LOC	ATION		4. PR	OJECT	TIT	LE			
MARINE CORPS	BASE,									l
CAMP PENDLETO	N, CA	LIFORNIA		MJ	ESS I	HALI				ì
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJEC	TNU	MBER		S. PROJE	CT CO	ST (1000)
0206496M 722.10 P-977 3,600										
		9. COI	T ESTIMAT	ES						
. —		ITEM			U/M		ANTITY	ž		COST
								cos		(\$000)
MESS HALL				•	SF	1.	7,200	158.	.00	2,720
SUPPORTING FA	CTLIT	IES		•	-	}	-	-	- 1	530
UTILITIES LS (140)									(140)	
PAVING AND SITE IMPROVEMENT, DEMOLITION LS (390)										
SUBTOTAL				•	-	1	-	-	- 1	3,250
CONTINGENCY	•		• • • •	•	-		-	-	j	160
TOTAL CONTRAC				•	-		-	-	l	3,410
		CTION & OVERHEAD	(5.5%).	•	-	1	-	-	i	190
TOTAL REQUEST										
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD) (0)										
								1	ì	j
						}		ł	1	İ
								ļ		
10 DESCRIPTION O	FROPO	SED CONSTRUCTION			<u></u> _			L		
DESCRIPTION OF PROPOSED CONSTRUCTION										
One-story reinforced concrete and masonry building, concrete foundation and										
floor, built-up roofing, concrete loading dock, separate outdoor storage										
facility, electronic monitored energy system, fire protection system,										
utilities; demolition of two buildings, removal of underground fuel tanks,										
contaminated soil and asbestos.										
11. REQUIREMENT: 17,200 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF.										
PROJECT: Constructs mess hall. (Current mission.) REQUIREMENT: Adequate and modern mess hall facility for the headquarters										
REQUIREMENT:										
		n which supports		3 C 1 U	es a	па	neeus	the c	cape	ipitica
•		ng each meal perio								
		Messing in the								1
		building which h								he
-		extensive manpowe.								rcarra
		ize. The messing								
		because of consol								
		IDED: Long-phase								
		times and reduce	•		-					
		ith the capacity								
		prolonged intensi		-	-					
-		Camp Pendleton wo				-				is would
		from work and ti							o e	at. It
would also of	oligat	e men and equipme	nt to a	n av	oida	ble	expen	sive		l

training and job functions.

administrative bus service while removing them from military oriented

(Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALLATIO	N AND LOCATION	
MARINE CO	RPS BASE, CAMP PENDLETON, CALIFORNIA	
4. PROJECT TIT	LE	S. PROJECT NUMBER
MESS HALL		P-977
		·
12. SUPPI	EMENTAL DATA:	
	Estimated design status: (Project design conform	
Military H	Handbook 1190, "Facility Planning and Design Guid	le.")
	(1) Status:	
ĺ	(a) Date Design Started	
	(b) Percent Complete as of January 1990	
1	(c) Date Design 35% Complete	
	(d) Date Design Complete	T-An
}	(2) Basis:	
		YesNo_X_
	(b) Where Design Was Most Recently Used:	<u>N/A</u>
	(3) Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
]	(a) Production of Plans and Specifications.	(195)
l	(b) All Other Design Costs(c) Total	
! .	(d) Contract	
	(e) In-house	·
	, , , , , , , , , , , , , , , , , , , ,	.1-90
	((month and year)
b. 1	Equipment associated with this project which will	be provided
from other	r appropriations: None.	•
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1. COMPONENT	FY 1	9 91 MILITARY CO	NSTRUC	TION	PROJ	ECT DA		DATE
J. INSTALLATION A	ND LOC	ATION		4. PRO.	ECT TI	TLE		
MARINE CORPS	BASE.			MI	LITAR	Y OPERA	TIONS 1	IN .
CAMP PENDLETO			1	UR	BANIZ	ED TERF	AIN	
5. PROGRAM ELEME		6. CATEGORY CODE	7. PROJEC				ECT COST	(\$000)
0206496M		179.45	P-99	ĸ		١,	5,500	
0.001506			ST ESTIMAT					
		ITEM			J/M QI	JANTITY	UNIT	COST (\$000)
MILITARY OPER	MTION	S IN URBANIZED TH	ERRAIN .	,	LS	~	-	13,420
TRAINING MO	CK-UP	s		. 1:	SF 1	41,300	95.00	(13,420)
SUPPORTING FA	CILIT	!IES		.]	- 1	_	-	570
UTILITIES.					LS	-	-	(150)
PAVING AND	SITE	IMPROVEMENT		. 1:	LS	-		(420)
SUBTOTAL					-	-	-	13,990
CONTINGENCY	(5%) .			.		-	-	700
TOTAL CONTRAC	T COS	T			-	-	-	14,690
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.3%).		-	-	-	810
TOTAL REQUEST	r				- 1	-	-	15,500
EQUIPMENT PRO	OVIDED	FROM OTHER APPRO	OPRIATIO	NS	-	- (NC	N-ADD)	(0)

Construct combat training complex, 16 in-tact and 16 rubble concrete and masonry buildings, paving, bridges, land and street-scape elements, staging area, access road, helicopter landing pad, utilities.

11. REQUIREMENT: As Required.

civilian organizations.

PROJECT: Constructs a Company Team Exercise, Battalion Task Force Training Facility for training in urban warfare. (Current mission.)

REQUIREMENT: An adequate Military Operations in Urban Terrain (MOUT)

facility to develop and maintain a proficiency in urban guerrilla warfare and terrorist activities. Martery of MOUT is deemed critical to success on the modern battlefield, and is been an integral element of Marine Corps doctrine since the second world war. Widespread urban sprawl throughout potential areas of conflict makes combat in built-up areas unavoidable. In many cases tactical and sometimes strategic advantage will result by gaining control of urban areas. This facility will support approximately 40,000 personnel from the Marine Corps Base and other off-base military and

CURRENT SITUATION: This activity maintains two urbanized training facilities. One of these combat towns is a 25-year old, wood-frame structure that provides training in combat in built-up areas, evacuation missions, raid operation, anti-terrorist training, and is the only facility of its kind in the central and northern areas of Camp Pendleton. Decay,

(Continued on DD 1391c)

DD 1 DEC 76 1391

PREVIOUS EDITIONS MAY DE USED INTERNALLY UNTIL EXHAUSTED

AGE NÖ.

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
	BASE, CAMP PENDLETON, CALIFORNIA	
4. PROJECT TITLE		S. PROJECT NUMBER
MILITARY OPE	RATIONS IN URBANIZED TERRAIN	P-996
11. REQUIRE	MENT: (Continued)	
CURRENT SITU	ATION: (Continued)	
aging, weath	ering, and heavy use have taken their toll on	this facility,
complicating	its safe use. The other combat town is of pe	rmanent
construction	, and its design and limited size restricts it	s use to small
	 These facilities are used continuously and ong-lead time. 	scheduling
	ong-lead time. <u>P PROVIDED</u> : Large unit training in urban guer	rilla warfara
	insurgency operations cannot be conducted. Co	
	dequate and overtaxed facilities will severely	
	s of operating forces and basic survival of tr	
		•
12. SUPPLEM	ENTAL DATA:	
<u>.</u> .		
a. Est:	imated design status: (Project design conform	s to Part II of
Military Hand	ibook 1190, "Facility Planning and Design Guid	le.")
(1)	Status:	
\-/	(a) Date Design Started	12-88
	(b) Percent Complete as of January 1990	85
	(c) Date Design 35% Complete	7-89
	(d) Date Design Complete	6-90
(2)	Basis:	
	(a) Standard or Definitive Design:	YesNo X
	(b) Where Design Was Most Recently Used:	N/A
(3)		(\$0CO)
	(a) Production of Plans and Specifications.	(700_)
	(b) All Other Design Costs	(680)
	(c) Total	
	(d) Contract	·——·
	(e) In-house	(130_)
(4)	Construction start	1-91
147	_	month and year)
	,	mouten gus Acet)
b. Equ	ipment associated with this project which will	be provided
	ppropriations: None.	•

DD 1 DEC 76 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		-	200					2	. DATE	
NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	KERAM	!		
3. INSTALLATIO	N AND LO	CATION			4. COMMA	40		5	. AREA CO	
NAVAL HOSE CAMP PENDI		LIFORNIA			NAVAI COMM	MEDICAL		İ	1.12	
6. PERSONNEL		PERMANEN'		· · · ·	STUDENTS			SUPPORTE	D	[
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 09/30/88	262	574	423	2	1	0	-	0	0	1262
b. END FY 1994	263	536	423	2	1	0	0	•		1225
•			7.	INVENTO	RY DATA ((000)				
a. TOTAL ACR b. INVENTORY C. AUTHORIZA d. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOT	TOTAL AS FION NOT FION REQU FION INCO N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM				21,960 2,820 1,050 0 2,000 2,700 30,530		
							_			
CATEGORY		PROJECT				SCOPE	(9	OST (000)	DESIGN S	COMPLETE
310.25 EN	TOTAL	IND HYGI	ENE FAC			6.900	ŞF	1,050	02/89	Q1/ 9 0
A. INCLUDE NONE B. MAJOR (721.11 BAG	PLANNED I	NEXT THRE	E YEARS:			LS		2,000		
Corps dependence out? authorise and o	nde gener s person ndents or ined in (orities other em	ral clinionel, active comment discrepance	cal hospi ve duty m outy pers irectives s pertain .	embers o onnel, a . To co ing to h	on for ac f the oth no other operate w ealth, sa	er armed authorize ith milit. nitation,	services d person ary and	s as civil		
11. <u>OUTSTANDI</u> A: POLLU B: INSTA C: OCCUP	TION ABA' Llation (TEMENT Restorati	ON		<u>es: (\$0</u>	<u>0</u> 0				·
			-							

1. COMPONENT		·							2. D/	ATE
NAVY	FY 1	19 <u>_91</u> MILITARY CO	NSTRUC	TIOP	V PRO	DJECT	F DAT	ГА		
3. INSTALLATION	ND LOC	ATION	7	4. PR	DJECT	TITLE				
NAVAL HOSPIT	AL,			Е	NVIR	ONMEN	ITAL	HEALT	H A	AND
CAMP PENDLET	•	LIFORNIA		I	NDUS	TRIAL	HYG	IENE	FAC	ILITY
5. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC					CT CO		
0807796N		310.25	P-42					1.050		
		9. COI	T ESTIMAT	TES.						
		ITEM			U/M	QUAN	TITY	COS		(\$000)
		TH & INDUST HYGIE	NE FAC.	•	SF	6,	900	129.	00	890
		'IES			-	-	•	-		60
•		G AND SITE IMPROV	EMENT .	•	LS	-	•	-	- 1	(60)
SUBTOTAL			• • • •	•		-	•	-	- }	950
CONTINGENCY			• • • •	•	i			-	- 1	50
TOTAL CONTRA		CTION & OVERHEAD	/5 591	•]	- 1	1,000
TOTAL REQUES			(3.34).	•		_ ا	_	_	- 1	1,050
		FROM OTHER APPRO	PRIATIO	NS	1	l	(N	ON-AI	ומי	(0)
-2021201110 111						l	• • • • • • • • • • • • • • • • • • • •		-/	` '
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									- 1	I
10. DESCRIPTION C	FPROPO	SED CONSTRUCTION			ــــــــــــــــــــــــــــــــــــــ	L		L		———
						e				
•		ame building addi	-							
conditioning		panel walls, buil	t-up ro	or,	Lire	proc	rect	,UII 3)	75:	"", all
conditioning	, ucli	icies.								
11. REQUIREM	ENT: 6	,900 SF. ADEQUAT	E: 0	SF.	SII	BSTAN	IDARD	: 0	S	F
_	_	s an industrial h	_							``
		t mission.)	2 3000							ì
		ate preventive he	alth ca	re f	acil	ities	s for	env	iro	nmental
	_	ial hygiene for a								
		at the Marine Co								
		tection standards								
		oulmonary examinat								
		noi se (hearing los								
		ne project is nece	-	or o	pera	tions	s of	the 3	Joi	nt
		tive Medicine Ser					,			,
		Preventive healt								
		ian employees in								
-		safety code viol				-				,
		l personnel, resou	ices an	a eq	la 1 bu	ent (בט פע	ibbot.	נ ל	iie
	_	ion of programs.			. h-	-1	a		1 ~	ontinue
		VIDED: Provision o	-							
		in ⊐ultiple buildi ntain. The produc								
and coperty t	.~ INŒII	rearm the broadc				nnei ntin				

1. COM	PONEN	IT			2. DATE							
NAVY			FY 1991 MILITARY CONSTRUCTION PROJ	ECT DA	TA							
3. INST	ALLA	TION A	AND LOCATION		······································							
			AL, CAMP PENDLETON, CALIFORNIA									
4. PRO	JECT T	ITLE		5.	PROJECT NUMBER							
ENVI	ENVIRONMENTAL HEALTH AND INDUSTRIAL HYGIENE FACILITY P-427											
12.	SUP	PT.RMF	SNTAL DATA:									
	a.		imated design status: (Project design co									
Mili	tary	Hand	book 1190, "Facility Planning and Design	Guide	.*)							
		(1)										
			(a) Date Design Started	• • • • • •	<u>2-89</u>							
			(b) Percent Complete as of January 199	0								
			(c) Date Design 35% Complete									
			(d) pare pesidit combiera		<u>1-70</u>							
		(2)	Basis:									
			(a) Standard or Definitive Design:		esNo_X_							
			(b) Where Design Was Most Recently Use	id: _	<u> </u>							
		(3)	Total cost (c) = (a) + (b) or (d) + (e)	:	(\$000)							
			(a) Production of Plans and Specificat	ions	(55)							
			(b) All Other Design Costs									
			(c) Total									
			(d) Contract		·							
			(e) In-house	•••••	(20_)							
		(4)	Construction start		10-90							
				(me	onth and year)							
	ь.	Equi	pment associated with this project which	will:	pe provided							
from	_	-	propriations: None.									
	•											
	*											
	•											

1. COMPONENT	İ							2	DATE	
NAVY		FY ·	1991 WIL	ITARY C	ONSTRUC	TION PRO	XIRAM	1		
3. INSTALLATIO	N AND LO	CATION			4. COMMA	NO .	····	: 5	. AREA CI	
NAVAL WEAT						E AND NAV		RE	1.25	INCEA
6. PERSONNEL		PERMANENT	<u> </u>		STUDENTS			SUPPOR TE		T
STRENGTH	OFFICER	SPELISTED	CIVILIAN	OFFICER	SALISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. A5 OF 08/30/88	106	811	4972	0	0	0	0	0	1000	6000
b. END FY 1994	110	850	5159	0	0	0	3	48	1200	7370
			7.	MVENTO	RY DATA I	1000)				
b. INVENTORY c. AUTHORIZAT d. AUTHORIZAT e. AUTHORIZAT f. PLANNED IN g. REMAINING h. GRAND TOT 8. PROJECTS R	TION NOT TION REQU TION INCO NEXT TH DEFICIENTAL	YET IN II JESTED IN LUDED IN I PEE PROGE	EVENTORY. THIS PROFOLLOWING	GRAM PROGRAM				84,110 14,590 17,500 16,000 7,100 6,560 45,860		
CATEGORY CODE		PROJECT	TITLE			SCOPE		05T 000)		STATUS COMPLETE
	ANCED WE	APONS LA				84,480	SF	17,500 17,500	12/88	06/90
9. FUTURE PRO	DUECTS :									
A. INCLUDE 317.15 INT B. MAJOR F	TOTAL	IR DEF SY	S FAC			42,900	SF	16,000 16,000		
317.20 ELE	C & ELEC	TRONICS S	SYS LAB			31,600	SF	7.100		
Maint syste aircr and a guide weapo which launc parac	tipal Natains things, subi- pas, subi- raft/wear associatied and ur- ons inter- inficius, thers; stockers; stockers;	yy RDT&E of primary systems are point and avionic mounted we face, tack propuls: crike warf and event and	center for in-house to technology and come says tempors, a citical mindon, guidelare countries.	researd logies if oncept di s includi ircraft i asiles; i ance and termeasul	orfare and devine and devine not used to be seen to be	elopment of lift in large to the lift in large to the lift in large to the lift in large to the lift in large to the lift in large to the lift in large to the lift in large to the lift in large to the	capabili mited to unched w and ammu d aircra pons sys , fuel a	ty for strike empons nition. ft/ tems		
	ION ABAT LATION F	EMENT ESTORATIO)N		ES: (<u>\$0</u> 1, 90 30, 80					
										70

DD FORM 1390 1DEC76

ADVANCED WEAPONS LABORATORY	ONENT	Y 19 <u>91</u> N	IILITARY CO	ONSTRU	СТІ	ON PRO	SJECT DA		DATE
CHINA LARE, CALIFORNIA					14.	PROJECT	TITLE		
PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 6. PROJECT COST (8000)					1	ADUAN	**********	MS TAR	PATORY
Output O			GORY CODE	7. PROJ	ICT A				
ADVANCED WEAPONS LABORATORY. SF 84,480	5896N		11.25	P-4	31		1	7,500	
ADVANCED WEAFONS LABORATORY			9. 00	MITES TOC	ATE	3			
BUILDING		ITER	•			U/M	QUANTITY		COST (\$000)
SHELTERS LS	CED WEAPON	S LABORAT	ORY	• • •		SF	84,480	-	12,270
TAXIMAYS AND APRONS	LDING					SF	84,480	99.00	(8,360
BUILT-IN EQUIPMENT	lters					LS	-	-	(400
SUPPORTING FACILITIES	IWAYS AND	APRONS				LS	-	-	(2,240
SPECIAL CONSTRUCTION FEATURES. LS (ELECTRICAL UTILITIES . LS (1 MECHANICAL UTILITIES . LS (1 PAVING AND SITE IMPROVEMENT . LS (SUBTOTAL						LS	-	-	(1,270
BLECTRICAL UTILITIES LS (1 MECHANICAL UTILITIES LS (1 MECHANICAL UTILITIES					• •	-	-	-	3,530
MECHANICAL UTILITIES LS (1 PAVING AND SITE IMPROVEMENT LS (CIAL CONST	RUCTION F	eatures			LS	-	-	(350
PAVING AND SITE IMPROVEMENT LS (CTRICAL UT	ILITIES .				LS	-	-	(1,700
SUBTOTAL		•				LS	-	-	(1,240
CONTINGENCY (5%)	ING AND SI	TE IMPROV	ement		• •	LS	-	-	(240
TOTAL CONTRACT COST	TAL					-	-	-	15,800
SUPERVISION, INSPECTION & OVERHEAD (5.5%) 17		•			• •	-	-	-	790
TOTAL REQUEST	CONTRACT	cost				-	-	-	16,590
				(5.5%)	• •	-	-	-	910
BOULDMAND BROUTDED BROW ORDER INDRODUCTIONS I (100) IND. 100	request.					 -	-	† -	17,500
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) (26)	MENT PROVI	DED FROM	OTHER APPR	OPRIATI	ONS	-	- (NON	-ADD)	(26,840

Two-story hangar building, insulated metal siding, reinforced concrete floors and foundations, insulated steel roof deck with built-up roofing, elevated sensor tower, fire protection and security systems, utilities, air conditioning; taxiways and aprons; shelters.

11. REQUIREMENT: 84,480 SF. ADEQUATE: 0 SF. SUBSTANDARD 0 SF.

PROJECT: Provides secure facilities for test and evaluation (T&E) of
tactical aircraft, test platforms, and associated classified equipment
under compartmented, special access conditions. (New mission.)

REQUIREMENT: Adequate and properly-configured facilities for technical and
administrative support for special secure programs needing vaulted work
spaces, laboratories, hargar, and shops in a secure TEMPEST shielded
environment for continuing hardware and software life-cycle support.

CURRENT SITUATION: No secure facilities exist which are capable of
providing the necessary workspaces for development, integration, and test
of weapon systems with highly classified and sight sensitive equipment
configurations. Use of existing facilities would compromise the weapon
systems and equipment involved and reduce or eliminate their effectiveness
when employed in combat.

IMPACT IF NOT PROVIDED: Navy will not have adequate, secure test facilities

IMPACT IF NOT PROVIDED: Navy will not have adequate, secure test facilities for classified equipment and systems test and evaluation before introduction into the fleet. The result will be a weapon systym which has not fully matured and will have numerous technical problems during the first (Continued on DD 1391c)

DD: FORM 1391

1. COMPONENT				2. DATE						
NAVY		91 MILITARY CONSTE	RUCTION PROJECT D	ATA						
3. INSTALLATION	AND LOCAT	TION								
		, CRINA LAKE, CALIFO	ORNIA							
4. PROJECT TITLE				S. PROJECT NUMBER						
ADVANCED WEA	PONS LAB	ORATORY		P-431						
		Continued)								
		ED: (Continued)								
deployments, possibly jeoperdizing both the pilot and the aircraft.										
12. SUPPLEMENTAL DATA:										
a. Est	imated d	esign status: (Proj	ect design conform	s to Part II of						
Military Han	dbook 11	90, "Facility Planni	ng and Design Guid	le.")						
(1)										
	(a) D	ate Design Started		12-88						
	(b) P	ercent Complete as o ate Design 35% Compl	of January 1990	····· <u>50</u>						
	(d) D	ate Design Complete.		7-89						
(2)										
	(b) W	tandard or Definitiv here Design Was Most	e Design: Recently Used:	YesNo_X						
(3)	Total	cost (c) = (a) + (b)	or (d) + (e):	(\$000)						
	(a) P	roduction of Plans a	nd Specifications.	900						
	(b) A	ll Other Design Cost	s	(600_)						
		otal								
		ontract n-house								
				· -						
(4)	Constr	uction start		wonth and year)						
b. Bou	ipment a	ssociated with this	project which will	he provided						
from other ap	propria	tions:	Eralane auren arre	a. hrossaga						
	· - •									
			Fiscal Year	· ·						
Equipment Nomenclature		Procuring	Appropriated							
MOMENCIACOLE		Appropriation	or Requested	<u>(\$000)</u>						
Software Deve	lopment	APN	1990-91	23,240						
Computer Sys				• •						
Integration/										
	Simulation Facility for Avionics, Weapons,									
Target and C				1						
Data Analysis	•	ent APN	1991	. 3,600						
_				, <u>,,,,,</u>						
			TOTAL	26,840						
	_			1						

DD 1 DEC 76 1391c 9/N 0102-LF-601-3015

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	2	. DATE		
NAVY . INSTALLATIO	N AND LD	CATION			4. COMMA		 -	! !s	. AREA CO	MSTO	
NAVAL WEAT	PONS STAT	TION,			NAVA	L SEA SYS	TEMS	-	COST		
CONCORD.	CALIFORN				COMM				1 07		
. PERSONNEL STRENGTH		PERMANEN			STUDENTS	·		SUPPORTE	1		
a. AS OF	OFFICER	SULISTED.	CIVILIAN	OFFICER	SMLISTED	CIVILIAN	OFFICER	SNLISTED	CIVILIAN	 	
08/30/88 b. END FY 1884	183	2489	1127		0		l °	°	0	3771	
1884	182	2025	L		RY DATA 6					368	
a. TOTAL ACRI					13.024)						
b. INVENTORY c. AUTHORIZA' d. AUTHORIZA' e. AUTHORIZA' f. PLANNED II g. REMAINING h. GRAND TOT	TION NOT TION REQUISION INCOMENT TO DEFICIENTAL	YET IN II UESTED IN LUDED IN I HREE PROG NCY	NVENTORY. THIS PROFOLLOWING RAM YEARS	gram Program				63,540 6,070 16,500 1,250 28,350 33,210 78,920			
CATEGORY	EQUESTED							OST	DESIGN		
212.10 AD	ANCE WE	PROJECT APONS FAC				21.290		6.500	\$TART 11/88	COMPLET 01/80	
	& VECH !	BRDGES &	LND ACQ			LS		10,000	03/89	08/90	
						·					
9. FUTURE PRO											
A. INCLUDE 316.10 ST/		LOWING P				LS		1,250			
B. MAJOR I											
212 10 MI	STLE MA					26,500 LS	21	10,900 2,250			
		IMA FACI EST CELL	LITY			LS LS		5,800 2,250			
onlin and devel	tenance (tary exp testing (lopment (unition)	and quali losives or ordnan and procus ships.	ty evalua Storage om handl: rement of	and train ny and s ordinanc	ineering sshipment hipping e e test sy	of ordna quipments stems. S	nce. Ma Desig	intenance n,			
1. OUTSTANDII A: POLLU B: INSTAI C: OCCUPI	TON ARA			FIGIENCI (OSH):		• 0					

1. COMPONENT NAVY	FY 1	9 91 MILITARY CO	ONSTRUC	TION PR	OJECT DA		ATE
3. INSTALLATION	AND LOC	ATION		4. PROJEC	TITLE		
NAVAL MEAPON	S STAT	ION,					
CONCORD, CAL	IPORNI	A .		ADVAN	CED WEAPO	NS FACI	LITY
S. PROGRAM ELEM	ENT	S. CATEGORY CODE	7. PROJEC	TNUMBER	a. PROJ	ECT COST (\$000)
					ł		
0702096N		212.10	P-28	<u> </u>	6	,500	
		9. 00	ST ESTIMA	res			
		ITEM		UAM	QUANTITY	UNIT COST	COST (8000)
ADVANCED MEA	PONS F	ACILITY	• • • •	. SP	21,290	-	5,230
BUILDING .				. SP	12,290	257.00	(3,160)
HISSILE NA	GAZINE			. SF	9,000	162.00	(1,460)
PLATFORMS.				. LS	-	-	(200)
BUILT-IN E	QUIPME	NT		. Ls	-	-	(410)
SUPPORTING F	ACILIT	IES		. -	-	-	640
ELECTRICAL	UTILI	TIES		. LS	-	-	(260)
MECHANICAL	UTILI	TIES		. LS	-	-	(120)
PAVING AND	SITE	IMPROVEMENT		. LS] -	-	(260)
SUBTOTAL				. [-	-	-	5,870
CONTINGENCY	(5%) .			. -	-	-	290
TOTAL CONTRA	CT COS	T		. -	-	-	6,160
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	. -	-	-	340
TOTAL REQUES	т			. -) -	-	6,500
EQUIPMENT PR	CZCIVO	FROM OTHER APPRO	PRIATIO	NS -	- (NO	N-ADD)	(0)
	-	SEC CONSTRUCTION ed concrete and a				a footi	
		ed concrete and a			, concret		naa uun

One-story reinforced concrete and masonry building, concrete footings and floor, built-up roof, one test cell; bridge crane; one earth-covered reinforced concrete missile storage magazine, loading platform; access roads; fire protection systems, ventilation, utilities.

11. REQUIREMENT: 21,290 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs one magazine and a test facility in support of classified weapons systems. (New mission.)

REQUIREMENT: The General Accounting Office report of 23 July 1983 made the point that the lack of suitable test resource planning, organization structure, management emphasis and intelligence support could seriously degrade the services' ability to test the actual performance capabilities of current and emerging systems. Department of Defense and Navy have placed greater emphasis on development of increasingly sophisticated and classified weapons systems. These developments require a corresponding expansion of test and storage facilities to assure readiness for introduction of the systems into the fleet. These facilities must meet unique operational, security and safety requirements which are not currently available.

CURRENT SITUATION: There are no existing facilities available to provide all the specialized features necessary to meet the criteria and standards needed to perform development and operational test and evaluation reviews.

1. COMPONENT			2. DATE
NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLATIO	NOITAGOL CHA N		
	ONS STATION, CONCORD, CALIFORNIA	r 	
4. PROJECT TIT	Ē	5. PROJE	CT NUMBER
ADVANCED W	MAPONS FACILITY		P-284
IMPACT IF facilities systems to classified	REMENT: (Continued) NOT PROVIDED: The Navy will not have adequate to available to introduce newly developed classifi the fleet. Use of existing facilities will not weapons survivability against enemy threats.	ed wea	pons and
12. SUPPL	MENTAL DATA:		
	stimated design status: (Project design conform undbook 1190, "Facility Planning and Design Guid		art II of
(.	(a) Date Design Started(b) Percent Complete as of January 1990(c) Date Design 35% Complete(d) Date Design Complete	• • • • • •	. 100 . 5-89
G	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	YesN	No X
(3	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	• • • • • • • • • • • • • • • • • • • •	. (<u>380</u>) . <u>880</u> . (<u>840</u>)
(4	Construction start		1-91 and year)
	uipment associated with this project which will appropriations: None.	. be pr	ovided

1. COMPONENT NAVY	FY 1	9 91 MILITARY CO	NSTRUC	TIOI	N PRO	OJECT DA		DATE
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TITLE		
NAVAL WEAPONS	STAT	ION,		R.	AILRO	DAD AND V	EHICUI	AR
CONCORD, CALI	FORNI	A		В	RIDGE	S AND LA	ND ACC	QUISITION
S. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNU	MBER	8. PROJ	ECT COS	T (\$000)
0702096N		860.30	P-:	292			10,000	,
		9. CO	T ESTIMAT	7 58				
		ITEM			U/M	QUANTITY	UNIT	
RAILROAD & VI	HICUL	AR BRIDGES & LAND	ACQ	•	LS		-	5,790
RAILROAD BE	RIDGE.			•	SF	21,000		
VEHICULAR I	RIDGE				SF	11,900	60.00	720)
SUPPORT BU	LDING	s		•	LŞ	-	-	(150)
LAND ACQUIS	SITION			•	LS	-	-	(190)
SUPPORTING FA	CILIT	IES] - [-	-	3,240
UTILITIES 1	RELOCA	TION		•	LS	-	-	(300)
PAVING AND	SITE	IMPROVEMENT		•	LS	-	-	(2,940)
SUBTOTAL					-	-	-	9,030
CONTINGENCY	(5%) .			•	-	-	-	450
TOTAL CONTRAC	CT COS	T			-	-	-	9,480
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	•	-	-	-	520
TOTAL REQUES				•	-	-	} -	10,000
EQUIPMENT PRO	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (1	DN-AD	D) (0)
		AND COURTS OF THE PROPERTY OF						

Reinforced concrete and steel railroad and vehicular bridges, earthen access ramps, reinforced concrete retaining wall; railroad relocation; utilities relocation; pass building relocation; concrete block guardhouse; signalized traffic intersection; paving and pavement striping; acquires interests in approximately two acres of land.

11. REQUIREMENT: As Required.

PROJECT: Provides Navy-owned railroad and vehicular bridges across a public highway to insure uninterrupted movement of explosives between inland and tidal areas during clises or wartime conditions, to meet all loading commitments without chance of disruption by anti-military groups, eliminate traffic conflicts between the general public and Navy shipments, and prevent demonstrators from blocking shipments of ordnance materials. (Current mission.)

REQUIREMENT: Eliminate protestors and demonstrators blockading ordnance shipments occurring between the inland production, maintenance, and storage area and the tidal receiving, segregation, and waterfront loading facilities. Increase safety and security for ordnance transshipment by eliminating blockades and interference with general public traffic. Provide Navy vehicle operators and security personnel best physical isolation and vantage point relative to demonstrator ctivities and general public traffic. Improve efficiency and effectiveness of transshipping explosives. Impose least negative impacts on nearby communities by Navy. (Continued on DD 1391c)

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJEC	CT DATA
OITALLATION	and Logation	
NAVAL WEAPON	S STATION, CONCORD, CALIFORNIA	
4. PROJECT TITLE		5. PROJECT NUMBER
RAILROAD AND	VEHICULAR BRIDGES AND LAND ACQUISITION	P-292

11. REQUIREMENT: (Continued)
CURRENT SITUATION: Inland and tidal areas are separated by a public roadway which is a site of continuous demonstrator activity including ordnance shipment blockading. The public roadway is also experiencing rapidly increased general public usage because of rapid population growth. Navy is spending at rate of \$1 million plus per year and local law enforcement agencies are spending at rate of \$0.5 million plus per year to counteract unsafe and counterproductive demonstrator blockading of Navy trains and truck shipments across a public highway. Potential for a significant accident is extremely high. Potential for demonstrators leaving site in the foreseeable future is remote. Rapid population growth in the area and burgeoning general public traffic volume adds to public highway crossing hazard.

IMPACT IF NOT PROVIDED: Continued and likely increasing expenditure of rederal and local taxpayer dollars to counteract demonstrators' blockades. High risk of a major accident involving demonstrators or the general public. ADDITIONAL: Two other alternatives for this project were evaluated. Their lowest costs were \$7.8 million and \$5.6 million for the public highway to underpass or overpass Navy railroad and vehicular route respectively. Both alternatives had significant negative environmental impacts upon local traffic circulation, local non-Navy residents, and local non-Navy commercial and light industrial businesses. The negative environmental impacts involved negative visual impacts, noise pollution, and increased traffic on residential streets. The lowest cost alternative, which involved the public roadway overpassing existing Navy owned railroad trackage, failed to satisfy scrutiny relative to providing safety and security for Navy ordnance shipments. Attempting to appropriately mitigate the significant impacts of the two unchosen alternatives would raise their costs to an estimated \$lo million and \$8 million total respectively, remove the design and construction of the project from Navy control thereby likely increasing the length of time to complete the project and raising operations cost, potentially never survive the environmental review process as indicated by the County Traffic Engineers for safe and secure transport of ordnance as well as the chosen alternative.

SUPPLEMENTAL DATA:

a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")

(1) Status:

(a)	Date Design Started	3-89
(b)	Percent Complete as of January 1990	35
	Date Design 35% Complete	
(b)	Date Design Complete	8-90

(Continued on DD 1391c)

DD 1 DEC 7. 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

		12 2222
1. COMPONENT NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
	S STATION, CONCORD, CALIFORNIA	
4. PROJECT TITLE		5. PROJECT NI 1BER
RAILROAD AND	VEHICULAR BRIDGES AND LAND ACQUISITION	P-292
12. SUPPLEM	ENTAL DATA: (Continued)	
(2)	Basis:	
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>400</u>) (<u>1000</u> (<u>960</u>)
(4)	Construction start	1-91 month and year)
b 12	inment recognized with this product which will	be succided
	ipment associated with this project which will ppropriations: None.	be brownded
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DD 1 DEC 76 1391c

NAVY	ļ	FY	1991		ONSTRUC		GIAM	İ		
	ATION AND	LOCATION			4. COMMA	ND		5	. AREA CO	NSTR.
	AMPHIBIOUS					ANDER IN (CHIEF,		1.21	NDEX
. PERSONN	EL	PERMANEN	T		STUDENTS			SUPPORTE	D	Т
STRENGT	OFFICE	R ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 09/30/		7 3243	190	115	679	0	78	1276	0	611
b. END FY 1994	59	3393	213	196	1207	0	101	2134		783
			7.	INVENTO	RY DATA ((000)	L	1	<u> </u>	·
a. TOTAL	ACREAGE			(1,065)					
C. AUTHOR d. AUTHOR e. AUTHOR f. PLANNE g. REMAIN	IZATION NO IZATION RE IZATION IN D IN NEXT ING DEFICE	AS OF 30 S OT YET IN I EQUESTED IN NCLUDED IN THREE PROG IENCY	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM			:	57,190 21,120 19,800 13,600 10,100 85,350 07,160		
8. PROJEC	TS REQUEST	ED IN THIS	PROGRAM:							
CATEGORY		PROJECT	71718					OST (000)	DESIGN :	
171.20 171.20 213.30 610.10	MARITIME WATERFROM	PERATIONS 5. TRNG FACIL T MAINT & PERATIONS F	ACILITY ITY OPS FAC			\$00FE 38,120 5 15,000 5 60,910 5 16,400 5	SF SF SF	6,000 2,200 8,400 3,200	11/88 11/88	01/90 01/90 01/90 01/90
	SPEC WAR	FOLLOWING P SHOOT CX(M CP PEND #3	IRAMAR)			LS LS		4.500 9,100 13,600		
B. MAJ 171.20 159.64	AMPHIBIOL	NEXT THRE US WAR TACT UT OPS BLDG	TRNG			LS 114,440 \$	SF	2,300 7,800		
P	rovides 1	FUNCTIONS Ogistic sup	port far (rces, am	phibious	·	
C A	ommander /	Surface For Amphibious Construction Demolition	Training (on Battal	Command.		Amph: SEAL	ibious Si Teams	Flotilla chool and Unit		
A: PO B: IN	LLUTION AE STALLATION	UTION AND BATEMENT I RESTORATION SAFETY AND	DN		3:	<u>∞</u>) 30 30 0				
						٠				

1. COMPONENT	FY 19_91 MILITARY CONSTRUCTION PROJECT DATA							1	DATE	
J. INSTALLATION A	ND LOC	ATION			П	4. PI	OJECT	TITLE		
NAVAL AMPHIB		•				-	AMPHI FACIL	BIOUS OPE	RATION	S
S. PROGRAM ELEM		6. CATEGORY CODE	7. 1	PRO.	EC		MBER		CT COST	(\$000)
0204796N		610.10		P-					.200	
		9. COI	TE	STIN	TA	ES		,		
		ITEM					U/M	QUANTITY	UNIT	COST (\$000)
AMPHIBIOUS O	PERATI	ONS FACILITY		• •	•	•	SF	16,400	110.0	0 1,800
SUPPORTING F	acilit	IES			٠	•	-		-	1,090
SPECIAL CO	NSTRUC	TION FEATURES			•	•	LS	-	-	(80)
UTILITIES.					•	•	LS	-	-	(190)
PAVING AND	SITE	IMPROVEMENT	•		•	•	LS	-	-	(500)
DEMOLITION			•		•	•	LS	-	-	(<u>320</u>)
SUBTOTAL					•	•	-	-	-	2,890
CONTINGENCY	(5%) .		•		•	•	-	-	-	140
TOTAL CONTRA	CT COS	T	•		•	•	-	-	-	3,030
SUPERVISION,	INSPE	CTION & OVERHEAD	(5	. 5₹	١.	٠	-	-	-	170
TOTAL REQUES					•	•	-		-	3,200
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PR.	IAT	10	NS	-	- (NC	N-ADD)	-(0)
10. DESCRIPTION O	F PROPO	SED CONSTRUCTION				·				

Three-story steel frame building, masonry walls, pile foundation, concrete floors, built-up roof over concrete on metal decking, utilities, fire protection system, ventilation and air conditioning, hazardous waste mitigation; demolition of six buildings.

11. REQUIREMENT: 47,390 SF. ADEQUATE: 30,990 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs an operations facility for Amphibious Construction Battalion ONE (PHIBCB ONE). (Current mission.)

REQUIREMENT: Adequate operational headquarters space for PHIBCB ONE to accommodate command and administrative mission functions.

CURRENT SITUATION: PHIBCB ONE currently occupies structures built in 1944 for temporary use. These facilities do not conform to any safecy, building, OSHA, or fire code. Existing facilities do not support the mission of the activity and occupy space needed for construction of future

IMPACT IF NOT PROVIDED: Continued use of inadequate and unsafe facilities. Proposed base development will be delayed.

P-17	4. PF	OJECT ESER'	B. PROJ		
P-17 ESTIMA	OT NU	ESER	B. PROJ		
P-17 ESTIMA	ST NU		B. PROJI		
P-17 ESTIMA	ST NU		B. PROJI		
P-17 ESTIMA	9	MBER		ECT COST	\$000)
ESTIMA		. 	6		
ESTIMA			1 6		
	TES			,000	
		_		, .	
		U/M	QUANTITY	COST	COST (\$000)
• • •		SF	38,120	-	4,400
		SF	38,120	105.00	(4,000)
	•	SY	2,200	114.00	(250)
		LS	-	-	(150)
	•	1-	-	-	1,020
• • •	•	LS	-	-	(250)
• • •	•	LS	-	-	(280)
rion.	•	LS	_	-	(_490)
• • •	•	-	-	-	5,420
• • •	•	-	_	-	270
• • •	•	-	_	-	5,690
.5%).	•	-	_	-	6,000
	N.C	17	- //20	-	
TWITO	MO	-	- (NO	(טטא-אי	(0)
•		IATIONS	-	- -	- - -

Three-story reinforced concrete frame building, masonry walls, concrete foundation and floors, built-up roof, utilities, septic tank, fire protection system, ventilation, diesel engine generator; two helicopter pads; demolition of one building.

11. REQUIREMENT: 38,120 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a desert training and berthing facility for 120 personnel assigned to Naval Special Desert Warfare Training in Niland, California. (New mission.)

REQUIREMENT: Adequate facilities to support Naval Amphibious Base
Coronado's mission to provide facilities for the Naval Special Warfare
Forces, in direct support of the Department of Defense initiative to
accelerate, develop, and broaden special warfare operational capabilities.
CURRENT SITUATION: Naval Special Warfare Group One's present training camp
area is no longer adequate in size to support the present and projected
numbers of platoons assigned. The existing camp does not conform with
local land use regulations.

IMPACT IF NOT PROVIDED: The existing camp could be disestablished because of land use violations. Special warfare forces would have no available adequate training site, adversely affecting the overall mission capability of the Special Operating Forces.

1. COMPONE	TF		2. OATE					
YVAИ		FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA					
3. INSTALLA	1. INSTALLATION AND LOGATION							
NAVAL AMPHIBIOUS BASE, CORONADO, CALIFORNIA								
4. PROJECT TITLE S. PROJECT NUMBER								
DESERT OPERATIONS FACILITY P-179								
[
12. SUP	PLEM	INTAL DATA:						
a.	Est	mated design status: (Project design conform	s to Part II of					
Military	Eand	book 1190, "Facility Planning and Design Guid	e.")					
	(1)	Status:						
		(a) Date Design Started						
		(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	100					
		(c) Date Design 35% Complete						
		(4, 2402 2402 240 240 240 240 240 240 240 2						
	(2)							
		(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X					
1		(D) Hiters acardii has most vectors, open	<u>,</u>					
	(3)		(\$000)					
		(a) Production of Plans and Specifications.						
}		(b) All Other Design Cost:						
		(d) Contract						
		(e) In-house	· · · · · · · · · · · · · · · · · · ·					
a .	(4)	Construction start	12-90					
		Ţ.	month and year)					
b.	_	pment associated with this project which will	be provided					
from other	er ag	propriations: None.						
			,					

1. COMPONENT	FY 1	9 <u>91</u> MILITA	RY CO	NST	RU	CTIO	ON PR	DIFCT DA	TΔ	2. DATE
NAVY						J 1 11				
3. INSTALLATION A						4. 1	ROJEC.	TITLE		
NAVAL AMPHIBI	OUS B	ASE,								
CORONADO, CAI						<u>L</u> _	MARIT	IME TRAIL	NING F	ACILITY
5. PROGRAM ELEME	NT	6. CATEGORY CO	DE	7. PF	310	CT N	UMBER	S. PROJ	ECT COS	T (\$000)
					_					
1100011N		171.20		L_		180			2,200	
			9. CO	ET ES	THA!	TES				
		ITEM	_				U/M	QUANTITY	COST	
MARITIME TRAI			• •		•	•	SF	15,000	-	1,650
TRAINING BU					•	•	SF	10,000	120.0	0 (1,200)
ma intenance	BUIL	DING			•		SF	5,000	90.0	10 (450)
SUPPORTING FA							-	-	-	330
SPECIAL CON	STRUC	TION FEATURE	۱S		•		LS	_	-	(50)
UTILITIES.							LS	_	-	(180)
	SITE	IMPROVEMENT.			•	•	LS	-	-	(100)
SUBTOTAL							-	-	-	1,980
CONTINGENCY (-					•	-	-	-	_ 100
TOTAL CONTRAC	T COS	r			•		1-	-	-	2,080
SUPERVISION,	INSPE	CTION & OVER	tHEAD	(5.5	58),		-	-	-	120
TOTAL REQUEST	·					•	-	-	-	2,200
EQUIPMENT PRO	VIDED	FROM OTHER	APPRO	PRIA	TIC	NS	-	-	(NON-A	7DDj) (0)
									1	ì
							1 :		1	
							1 .			
							1			
10. DESCRIPTION OF							İ			

One two-story training building, one one-story maintenance building, steel frame, concrete floors, masonry walls, pile foundations, fire protection systems, ventilation and air conditioning, utilities; open storage for three vehicles, two swimmer delivery vehicle trailers, two pieces of materials handling equipment, boat ramp; perimeter security.

11. REQUIREMENT: 15,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a maritime training facility on San Clemente Island. (New mission.)

REQUIREMENT: Adequate year-round facilities for training Naval Special Warfare Forces in land and underwater demolition, land warfare, hydrographic reconnaissance, communications, and seal delivery vehicle

CURRENT SITUATION: Facilities are not available on San Clemente Island to support this vital training. Limited training is now conducted at Coronado using already overcrowded facilities. Because of surf conditions, small boats must be launched in San Diego bay and transit the entire bay before arriving in the training area.

IMPACT IF NOT PROVIDED: Continue to utilize current training procedures with facilities at Coronado, which limits training, adversely affecting the operational readiness of the Special Operating Forces.

1. COMPONER	iT.			2. DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLA	TION A	AND LOCATION		
		COUS BASE, CORONADO, CALIFORNIA		
4. PROJECT T	ITLE		5. PROJE	ECT NUMBER
MARITIME	TRA	INING FACILITY		P-180
12. SUP	PLEMI	ENTAL DATA:		
a. Military		imated design status: (Project design conform Book 1190, "Facility Planning and Design Guid		art II of
	(1)	Status:		
		(a) Date Design Started		
		(b) Percent Complete as of January 1990,		
		(c) Date Design 35% Complete		
		(d) Date Besign Complete	••••	*
	(2)	Basis:		
		(a) Standard or Definitive Design:	Yes	NoX
		(b) Where Design Was Most Recently Used:		I/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):		(\$000)
		(a) Production of Plans and Specifications.		. (120)
		(b) All Other Design Costs		
		(c) Total		
		(d) Contract		
	(4)	Construction start		1-91 and year)
b.	-	ipment associated with this project which will	be pr	ovided
from oth	er a	ppropriations: None.		

1. COMPONENT	19_91 MILITARY CO	NSTRUC	TIOI	N PRO	JECT DA		ATE
NAVY							
3. INSTALLATION AND LO	-		i	OJECT			
NAVAL AMPHIBIOUS	BASE,		W	iaterf	RONT MAI	NTENANC	E
CORONADO. CALIFO		,			<u>ERATIONS</u>		
S, PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNU	MBER	a. PROJ	ECT COST (B000)
0204796N	213.30	P-15	0			8,400_	
		ST ESTIMAT				<u></u>	
	ITEM			U/M C	DUANTITY	UNIT	COST (\$000)
WATERFRONT MAINT	ENANCE AND OPERATIO	NS FAC.	•	SF	60,910	-	6,600
MAINTENANCE BU	ILDING		•	SF .	44,910	108.00	(4,850)
OPERATIONS BUI	LDING			SF	16,000	109.00	(1,750)
SUPPORTING FACIL	ITIES			-	_	-	980
SPECIAL CONSTR	UCTION FEATURES			LS	-	-	(180)
UTILITIES			•	LS	-	-	(120)
PAVING AND SIT	E IMPROVEMENT			LS	-	- !	(480)
DEMOLITION				LS	-	- 1	(200)
SUBTOTAL				1 - 1	-	-	7,580
CONTINGENCY (5%)				-	-	_	380
TOTAL CONTRACT C	OST			-		_	7,960
SUPERVISION, INS	PECTION & OVERHEAD	(5.5%).	•	-	-	-	440
TOTAL REQUEST			•	-	-	-	8,400
EQUIPMENT PROVID	ED FROM OTHER APPRO	PRIATIO	NS	1 - 1	- (140	(GCA-H	(0)
					•		, 3,

One two-story and one one-story steel frame buildings, pile foundations, masonry walls, concrete floors, built-up roof over concrete on metal decking, utilities, fire protection system, air conditioning and ventilation; watchtower; bulkhead repair; demolition of eleven buildings.

11. REQUIREMENT: 125,760 SF. ADEQUATE: 64,850 SF. SUBSTANDARD: 0 SF. PROJECT: Provides waterfront operational, maintenance, and administrative facilities to support the mission of Special Boat Squadron ONE (SPECBOATRON ONE) and Naval Special Warfare Group ONE (NAVSPECWARGRU ONE). (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to support the operational craft and administrative needs of SPECBOATRON ONE, and provide a maintenance facility for NAVSPECWARGRU ONE vehicles, electronics, and parachute equipment. SPECBOATRON ONE is tasked with operating and maintaining specialized Special Warfare craft. A new mission requirement to operate Patrol Boat-Multipurpose (PBM) was recently mandated by the Chief of Naval Operations. MAVSPECWARGRU ONE's vehicle allowance consists of 224 pieces of various equipment.

CURRENT SITUATION: SPECBOATRON ONE currently occupies single-story structures built in 1944 and originally constructed to meet World War II requirements. These facilities neither conform to safety, building, or fire codes. Floor plans configuration do not meet basic facility requirements or provide for proper maintenance of existing craft. No facilities exist in which to maintain components of the new PBM's.

1. COMPONENT		2. 0416							
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA							
3. INSTALLATION	AND LOCATION								
NAVAI. AMPRITE	NAVAL AMPHIBIOUS BASE, CORONADO, CALIFORNIA								
A. PROJECT TITLE	10.100.000								
4. FROSECT TITLE	.FRUIEGI 11164								
WATERFRONT A	NATERFRONT ADMINISTRATION AND OPERATIONS FACILITY P-150								
ll. REQUIREMENT: (Continued) IMPACT IF NOT PROVIDED: The activity cannot support mandated PBM tasking. Activity's mission and operational readiness will continue to be hampered by nonavailabilty of adequate facilities within which to perform maintenance.									
12. SUPPLEM	ENTAL DATA:	į							
	imated design status: (Project design conformated design status: Planning and Design Guid								
(1)	Status:								
	(a) Date Design Started	11-88							
	(b) Parcent Complete as of January 1990								
	(c) Date Design 35% Complete								
	(d) Date Design Complete	<u>T-30</u>							
(2)	Basis:								
,	(a) Standard or Definitive Design:	Yes No X							
	(b) Where Design Was Most Recently Used:	N/A							
43.									
(3)		(<u>\$000</u>)							
	(a) Production of Plans and Specifications (b) All Other Design Costs								
	(c) Total								
	(d) Contract								
	(e) In-house	` '							
, , ,									
(4)	Construction start	12-90 (month and year)							
	ipment associated with this project which will ppropriations: None.	l be provided							
}									
į									
1									
i									
1									
1									

1. COMPONENT	!	EV		ITABY C	ONSTRUC	TION BOO	MARGO		2. DATE	
NAVY			1991 11111	IIANT C	UNS INUC	IION PRO	runami			
3. INSTALLATIO	N AND LO	CATION			4. COMMAI	1 0			5. AREA CO	
NAVAL AIR EL CINTRO						ANDER IN C	CHIEF,		1.19	NUEX
6. PERSONNEL STRENGTH		PERMANEN	STUDENTS			SUPPORT	E D	TUTAL		
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN]
09/30/88 b. END FY	15	108	406	0	0	0	220	527	0	1276
1684	27	118	406	0	G	•	391	1130	0	2072
			7.	INVENTO	RY DATA ((000)				
a. TOTAL ACR		E OE 30 E			63,138)			32.840		
C. AUTHORIZA	TION NOT	YET IN I	NVENTORY .					0		
d. AUTHORIZA e. AUTHORIZA	TION INC	LUDED IN	FOLLOWING	PROGRAM				9,050		
f. PLANNED IG g. Remaining	DEFICIE	NCY						36,250 29,350		
h. GRAND TOT				• • • •			1	07,490		· <u> </u>
8. PROJECTS R	EQUESTED	IN THIS	PROGRAM:							
CATEGORY								057	DESIGN	
121.10 AI	RCRFT DI	PROJECT RECT FUEL				SCOPE LS		1,350	5TART 10/88	09/89
	DNANCE F		• • • • • • • • • • • • • • • • • • • •			29,650	SF	7,700 9,050		01/90
								0,000		
9. FUTURE PR	DJECTS:									
A. INCLUDE	ED IN FO	LLOWING P	ROGRAM							
B. MAJOR (PLANNED I	NEXT THRE	E YEARS:							
	APONS HAI Int hang	MOLING FA	С			LS LS		12,500 9,700		
921.10 LA	NO ACQUI	SITION				LS		14,050		
supp field site	tain and ort open d for Sai	operate ations of Diego at hter, att	facilitie aviation rea Naval	Activit	ovide services of the tions. To g Navy and	Pacific raining a	Fleet. nd deplo	Divert yment		
11. OUTSTANDI A: POLLU B: INSTA	TION ABA			FICIENCI		10		-		
		SAFETY AN		(OSH):	10,0	,				
										٠
									·	
										•

1. COMPONENT	FY 1	19_91 MILITARY CO	TIO	N PR	DJECT DA	1	PATE	
3. INSTALLATION A	ND LOC	ATION		4. PI	OJECT	TITLE		
NAVAL AIR FAC	ILITY	•		1 4	AIRCR	AFT DIREC	T FUELI	NG
EL CENTRO, CA	LIFOR	NIA		1_9	STATI	ON		
5. PROGRAM ELEME	NT	6. CATEGORY CODE	7. PROJE	T NU	MBER	B. PROJI	CT COST (\$000)
0204696N		121-10		205		1	.350	
		9, CO	T ESTIMA	TES				
		ITEM			U/M	עדודא, עם	UNIT	(\$000)
AIRCRAFT DIRE	CT FU	ELING STATION			LS	-	-	950
STATION					LS	-	-	(400)
FUELING APP	ю				SY	2,230	90.00	(200)
STORAGE TAN	IKS				LS	-	-	(300)
DAY TANKS.					LS	-	-	(50)
SUPPORTING FA	CILIT	TES			1 - 1	-	-	270
SPECIAL CON	ISTRUC	TION FEATURES			LS	-	-	(70)
UTILITIES.				•	LS	-	-	(140)
PAVING AND	SITE	IMPROVEMENT		•	LS	-	-	(<u>60</u>)
SUBTOTAL				•	-	-	-	1,220
CONTINGENCY ((5%) .			•	[-	-	-	60
TOTAL CONTRAC				•	-	-	<u> </u>	1,280
-		CTION & OVERHEAD	(5.5 %)	•	-	-	! =	<u>70</u>
TOTAL REQUEST				•	-	-	l -	1,350
EQUIPMENT PRO	VIDED	FROM OTHER APPRO	PRIATIO	ons	-	- (NON-ADI) (0)
10. DESCRIPTION OF	B B B B B B B B B B	eco concernication						

Steel-frame fueling station with four outlets; reinforced concrete fueling apron; day tanks, storage tanks, piping, pumps, cathodic protection, grounding, communications, fire protection system, utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides an aircraft direct fueling facility. (Current mission). REQUIREMENT: Adequate hot refueling capability for aircraft engaged in field carrier landing practice and target range exercises. Expanded fuel storage capacity to sustain the authorized fuel storage requirement. CURRENT SITUATION: Hot refueling is currently being performed at two locations on the base using truck refuelers with hoses extended. This method of hot refueling has become inadequate because of increased demand for more outlets, safety problems with logistics, and aircraft downtime waiting for fuel service.

IMPACT IF NOT PROVIDED: Activity must rely on truck refuelers which are not capable of handling the demand. Time delays, logistics and safety problems will adversely impact mission performance.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPO	ONEN	T	<u> </u>		2. DATE
NAVY			FY 19_91_MILITARY CONSTRUCTION PROJECT D)ATA	
3. INSTA	LLAT	TON A	AND LOGATION		
			CILITY, EL CENTRO, CALIFORNIA		
4. PROJE				1	ECT NUMBER
AIRCR	AFT	DIR	ECT FUELING STATION	<u>L</u>	P-205
		· .			-
12.	SUPF	>LEMP	Ental Data:		
	a.		imated design status: (Project design conform		art II of
Milit	ary	Hand	dbook 1190, "Facility Planning and Design Guid	ie.*)	
		(1)			
			(a) Date Design Started	• • • • • •	10-88
			(b) Percent Complete as of January 1990 (c) Date Design 35% Complete		3-89
			(d) Date Design Complete	*****	9-89
		(2)	Basis:		
		•	(a) Standard or Definitive Design:	~	
			(b) Where Design Was Most Recently Used:	<u>N</u>	N/A
		(3)			(<u>\$000</u>)
			(a) Production of Plans and Specifications.	• • • • • • •	·· (<u>75</u>)
			(b) All Other Design Costs(c) Total	· • • • • • • • • • • • • • • • • • • •	. (<u>15</u>)
			(d) Contract	•••••	. (15)
		٠,	(e) In-house		
		(4)		1	
		•			and year)
			ipment associated with this project which will	l be pr	ovided:
from			ppropriations: None.		٠
					-

1. COMPONENT	FY 1	19 <u>91</u> MILITARY CO	ONSTRUC	TIO	N PRO	DJECT DA		. DATE
NAVY 3. INSTALLATION A NAVAL AIR FAC	ND LOC	ATION		4. PR	OJECT	TITLE		···
EL CENTRO, CA				<u>L.</u>				
B. PROGRAM ELEME	INT	6. CATEGORY CODE	7. PROJEC	T NU	MBER	B. PROJ	ECT COS	T (\$000)
0204696N		226.70	P-20	2			7,700	
		9. CO	ST ESTIMA	TE8				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
ORDNANCE FACI				•	SF	29,650	-	2,600
READY AMMUN MAGAZINES .		BELTING PAD		•	SF SF	15,000 10,350	21.00 170.00	,
ADMINISTRAT	IVE O	FFICE BUILDING .		•	SF	4,300	120.00	(520)
SUPPORTING FA		IES		•	-	-	-	4,350
UTILITIES.			• • • •	•	LS	-	-	(1,320)
		IMPROVEMENT	• • • •	•	LS	-	-	(2,800)
DEMOLITION.	• •	• • • • • • • •	• • • •	• .	LS	-	-	(<u>230</u>)
SUBTOTAL			• • • •	•		_	-	6,950
CONTINGENCY (-		• • • •	•		_		7,300
		CTION & OVERHEAD	(5 59)	•	<u> </u>	_	-	400
TOTAL REQUEST		CIION E OVERMEND	(3.34).	•		_	_	7,700
	-	FROM OTHER APPRO	PRIATIO	NS	-	- (NO	N-ADD)	
	_	_			il		l	1

Six earth-covered magazines, loading docks; three steel frame structures, concrete foundations and floors, built-up membrane roof over steel deck and steel trusses; covered staging areas; administrative offices; magazine aprons; access road; fire protection systems, ventilation and air conditioning, utilities; demolition of 23 buildings.

11. REQUIREMENT: 29,650 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs ordnance facilities. (Current mission.)

REQUIREMENT: Adequate and properly-configured explosive magazine storage facilities, ready ammunition belting plants for bomb and rocket assembly, ordnance operation administrative office building and associated support facilities.

CURRENT SITUATION: The existing facilities are inadequate and undersized, and located within existing and proposed air operations clearance zones.

IMPACT IF NOT PROVIDED: Ordnance operations will continue to be housed in undersized, inadequate facilities, with the accompanying compromise to human safety.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

. COMPONENT	FY	19_91_MILITARY CONSTRUCTION PROJECT DATA	2. DATE
INSTALLATIO	N AND LOC	ATION	
		, EL CENTRO, CALIFORNIA	OJECT NUMBER
PROJECT TITL	E	5 , PR	DJECT NUMBER
ORDNANCE FA	CILITY		P-202
L2. SUPPLE	MENTAL	DATA:	
		design status: (Project design conforms to 1190, "Facility Planning and Design Guide.")	
(1) Stat	:us:	
	(a)	Date Design Started	11-88
	(b)	Percent Complete as of January 1990	100
	(c)	• • • • • • • • • • • • • • • • • • • •	
	(a)	Date Design Complete	1-90
(2) Basi	· · · · · · · · · · · · · · · · · · ·	
	(a)	Standard or Definitive Design: Yes_	No X
	(p)	Where Design Was Most Recently Used:	N/A
(3) Tota	il cost (c) = (a) + (b) or (d) + (e):	(\$000)
	(a)	Production of Plans and Specifications	
	(a)	All Other Design Costs	(160)
	(c)		
	(d)		` <u> </u>
	(e)	In-house	(100_)
(4) Cons	struction start	11-90
		(mont	h and year)
b. Ec	u i nmant	: associated with this project which will be	provided
rom other			bt o. treer
	app. op.		
		•	

DD : FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY			-		ONSTRUC					
. INSTALLATIO	N AND LO	CATION			4. COMMA	ND		5	. AREA CO	
MARINE CO EL TORO,						ANDANT OF	THE		1,21	
. PERSONNEL		PERMANEN			STUDENTS			SUPPORTE		
STRENGTH	OFFICER ENLISTED CIVILIAN OFFICER					CIVILIAN	OFFICER	ENLISTED	TOTAL	
a. AS OF 09/30/88	77	575	819	-	0	0	699	8962	CIVILIAN 200	1133
b. END FY	94	615	874	14	159	0	954	6699	828	1025
				L	RY DATA (<u>_</u>				1020
a. TOTAL ACR	FAGE	<u>·</u> _		(4,720)					
b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TO1 8. PROJECTS R	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN I REE PROGI	VENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM		· · · · · · · · · · · · · · · · · · ·	3	76,930 61,700 23,550 6,370 14,080 00,420 83,050		
CATEGORY		PRO IECT	TITLE			SCOPE	C	0 3 1	DESIGN :	
		ARKING API	RON			45,000	Ś٧	4.900		01/90
		TRAINER HANGAR				93,900 33,800		8,100 6,600	11/88	01/90 01/90
610.20 DA	TA PROCES	S CNTR				24,200		3,950 23,550	11/88	01/90
S. FUTURE PRI	JUECTS:					-				
A. INCLUDI 149.15 FI						LS		820		
	ERATIONS TOMOTIVE	TRAINING SHOP	FAC			LS 16,120	SF	1,300		
421.32 IN	ERT STORA	NGE				7,500	SF	1,9°0 6,3°0		
B. MAJOR I	PLANNED R	EXT THREE	E YEARS:							
730.10 FI						3,600	SF	720		
suppi other Corpi One I	tain and ort the c r activit s in coor Marine At Marine At	operate in operation ties and in dination increft William lation Medical in Reserve	facilities of a Mar units as (with the ing intenance Trainin	ine airci designati Chief of Training Detachi		, or unit Commenda perations ent	s thereo nt of th	f, and		
A: POLLU B: INSTAI C: OCCUP	TION ABAT	PESTORATIO	DN		1,6 4,9	<u> </u>				
										0.7

COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE MARINE CORPS AIR STATION, EL TORO, CALIFORNIA AIRCRAFT PARKING APRON S. PROGRAM ELEMENT S. CATEGORY CODE 7. PROJECT NUMBER S. PROJECT COST (\$000) 4,900 P-594 113.20 0206496M 9. COST ESTIMATES COST (\$000) ITEM U/M QUANTITY 45,000 SY 3,470 SY 45,000 48.00 (2,160)APRON AND TAXIWAY LIGHTING LS 70) LS 920) BUILDING ALTERATIONS I-S 230) Ŀ 90) 950 LS -450) LS (230) PAVING AND SITE IMPROVEMENT, DEMOLITION. . LS 270) 4,420 220 _ _ 4,640 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 260 4,900 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Concrete aircraft parking apron and taxiway with lighting; fixed point utilities including electrical, compressed air, and fuel; modify hangar shop and administrative spaces; install four bridge cranes in hangar open bay; utilities; demolition of one building and partial demolition of one building.

11. REQUIREMENT: 483,550 SY. ADEQUATE: 438,550 SY. SUBSTANDARD: 0 SY. PROJECT: Constructs aircraft parking apron and taxiway for consolidation of separated parking areas, installs fixed point utilities, alters hangar building. (New mission.)

REQUIREMENT: Adequate aircraft parking and maintenance facilities to accommodate a new training squadron mission of twenty MV-22 aircraft.

CURRENT SITUATION: El Toro has a suitable hangar available, but the adjacent parking apron is occupied by aircraft overflowing from the parking apron associated with another hangar. By expanding the parking area, the available hangar can be used. Alternative sites aboard El Toro for the MV-22 aircraft involve construction of similar or greater amounts of parking apron, plus the erection of a new hangar.

IMPACT IF NOT PROVIDED: El Toro cannot accommodate the new training squadron mission.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

1. COMPONE	4	0.3	2. DATE
YVAN		FY 19 1 MILITARY CONSTRUCTION PROJECT DATA	Α .
3. INSTALLA	TION	AND LOCATION	
MARINE CO	ORPS	AIR STATION, EL TORO, CALIFORNIA	_
A. PROJECT	TITLE	8, 21	OJECT NUMBER
AIRCRAFT	PARK	KING APRON	P-594
12. SUP	Plrme	ENTAL DATA:	-
a. Military		imated design status: (Project design conforms to dbook 1190, "Facility Planning and Design Guide.")	
	(1)	Status:	
		(a) Date Design Started	100 5-89
	(2)	Basis:	
		(a) Standard or Definitive Design: Yes	NoX
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Flans and Specifications (b) All Other Design Costs	(<u>90</u>) (<u>340</u> (<u>310</u>)
	(4)	Construction start(mon	12-90 th and year)
	_	ipment associated with this project which will be ppropriations: None.	provided
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		·	
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		·	,
		<u> </u>	}

2. DATE 1. COMPONENT FY 19_91 MILITARY CONSTRUCT ON PROJECT DATA NAVY 4. PROJECT TITLE 3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION. EL TORO, CALIFORNIA DATA PROCESSING CENTER S. CATEGORY CODE S. PROGRAM ELEMENT 7. PROJECT NUMBER S. PROJECT COST (\$000) 0206496M 610.20 P-381 3,950 9. COST ESTIMATES UNIT COST (8000) U/M QUANTITY 24,200 131.00 3,170 SF 390 SPECIAL CONSTRUCTION FEATURES. LS 701 LS 240) PAVING AND SITE IMPROVEMENT. 8<u>0</u>) LS 3,560 _ _ 180 3,740 SUPERVISION, INSPECTION & OVERHEAD (5.5%). 210 3.950 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) (

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, pile foundation, concrete floor, masonry walls, built-up roof, computer flooring, sound attenuation, air conditioning, fire protection system, utilities.

11. REQUIREMENT: 24,200 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a building to house a Regional Automated Data Processing Center (RADPC). (Current mission.) REQUIREMENT: Adequate facilities with space and equipment tailored for computer equipment operation, software development and administrative functions associated with a RADPC. This unit performs all computerized supply functions, documents maintenance actions, processes civilian payroll, and stores personnel records for all the Marine aviation commands in the southwest region of the United States. The RADPC processes over 2,000 separate job orders every month and each one is critical to the normal operations of the Third Marine Aircraft Wing (MAW). CURRENT SITUATION: The existing RADPC is located in a converted, inadequate warehouse, insufficient in space, lacking the specialized utility support of isolated electric power, fire protection, and environmental controls, and does not have adequate security safeguards. In an attempt to alleviate overcrowding, the administrative functions associated with this unit have been moved to an old converted machine shop two and a half miles from the computer operations.

(Continued on DD 1391c)

DD, 50RM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONE	NT			2. DATE
NAVY			9 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLA	TION	NO LOC	ATION	
		AIR S	PATION, EL TORO, CALIFORNIA	
4. PROJECT	TITLE			S. PROJECT NUMBER
DATA PRO	Crssi	NG CE	YTER	P-381
IMPACT I computer remain a intrusio maintena	proc t hig n. L nce t se as nal.	PROV PESSION The PROVINCE OF THE PROVINCE OF T	(Continued) IDED: The reliability and timeliness of g services will be degraded. Existing f k from fire, electric power surges, and f computer support would drastically limited MAW Squadrons. The existing overcrowaded computer equipment is delivered and DATA:	acility will unauthorised it supply and ding will become
a. Military			design status: (Project design conform 1190, "Facility Planning and Design Guid	
	(1)	Stati	us:	
	•	(a)	Date Design Started	11-88
		(b)	Percent Complete as of January 1990	100
		(c)	Date Design 35% Complete	<u>5–89</u>
		(đ)	Date Design Complete	1-90
	(2)	Basi	B:	
		(a)	Standard or Definitive Design:	YesNo_X_
		(b)	Where Design Was Most Recently Used:	N/A
	(3)	Tota	1 cost (c) = (a) + (b) or (d) + (e):	(<u>\$0</u> 00)
		(a)	Production of Plans and Specifications.	
		(p)	All Other Design Costs	
		(c)	Total	
		(d)	Contract	
		(e)	In-house	(10_)
	(4)	Cons	truction start(12-90 month and year)
ь.	Ecui	pment	associated with this project which will	be provided
	-	_	iations: None.	
	•	- •		
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			•	
	•			
			•	

1. COMPONENT -FY 19 91 MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION MARINE CORPS AIR STATION, EL TORO, CALIFORNIA MAINTENANCE HANGAR ADDITIONS S. PROGRAM ELEMENT S. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (\$000) 211.06 P-393 0206496M 9. COST ESTMATES U/M QUANTITY MAINTENANCE HANGAR ADDITIONS SP 33,800 4,610 33,800 117.00 (3.950)SF BUILT-IN EQUIPMENT LS (660) 1,350 LS SPECIAL CONSTRUCTION FEATURES. . . (400) (320) LS (340) MECHANICAL UTILITIES LS PAVING AND SITE IMPROVEMENT. . . . LS 290) 5,960 CONTINGENCY (5%) 300 6,260 340 SUPERVISION, INSPECTION & OVERHEAD (5.5%). .

10. DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS

Two-story steel frame addition to each of four hangars, masonry walls, pile foundations, concrete floors, built-up roofs, sound attenuation and air conditioning for administrative spaces, fire protection systems, 400 Hz electrical power; asphalt target resolution pad; utilities.

REQUIREMENT: 184,590 SF. ADEQUATE: 150,790 SF. SUBSTANDARD: C SF.

PROJECT: Constructs four hangar additions; provides a target resolution calibration pad. (New mission.)

REQUIREMENT: Adequate hangar space to accommodate and support maintenance and administrative functions for three tactical F/A-18 squadrons, each comprised of three aircraft types, totaling 16 aircraft.

CURRENT SITUATION: Existing facilities were designed and configured to support 12-plane squadrons, comprised of a smaller single engine type of aircraft. Increased mission requirements have expanded the aircraft loading and types to 16 planes. The transition from 12 to 16 aircraft was started in 1987 and will be complete by 1990. To facilitiate this expansion, some maintenance shops and all administrative functions were relocated into inadequate spaces removed from the primary squadron areas.

expansion, some maintenance shops and all administrative functions were relocated into inadequate spaces removed from the primary squadron areas. No target resolution calibration pad or any facility which can be used for this purpose exists at this station. Operating aircraft on the flight line and apron areas cause the noise levels within existing shop areas to be above established guidelines and sound attenuation is necessary to protect personnel from hearing damage.

(Continued on DD 1391c)

(NON-ADD) (

1. COMPONE			2. DATE
NAVY		Y 1991 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLA	TION AND	LOCATION	
MARINE C	ORPS AI	R STATION, EL TORO, CALIFORNIA	
4. PROJECT	TITLE		S. PROJECT NUMBER
ma intena	NCE HAN	GAR ADDITIONS	P-393
faciliti tactical reconnai will con	F NOT PI es will fighter ssance v tinue to	F: (Continued) ROVIDED: Continued operations in overcrowde adversely effect the operational readiness of squadrons. No facility to calibrate equipments of the FA-18 hiroraft will be available exposed to high background noise levels age hearing.	of three ment on the able. Marines
12. SUP	Pl em ent/	AL DATA:	
a. Military	Estimat Handboo	ed design status: (Project design conforms ok 1190, "Facility Planning and Design Guide	to Part II of
	() () ()	tatus: a) Date Design Started	100 5-89
) (a	sis:	'esNoX N/A
	(a (b (c (d	ptal cost (c) = (a) + (b) or (d) + (e): a) Production of Plans and Specifications. b) All Other Design Costs c) Total l) Contract e) In-house	(<u>100</u>) (<u>440</u>)
	(4) Co	enstruction start(n	12-90 conth and year)
b. from othe	Equipme er appro	ent associated with this project which will priations: None.	be provided

1. COMPONENT	FY 1	9 91 MILITAR	Y CO	NST	RUC	TIO	N PRO	DJECT DA		2. DATE	
AVY	L	ATION			-	IA B	ROJECT	TITLE			
						1		1116			
MARINE CORPS		•				١.					
EL TORO, CAL		A					<u>JPBRA</u> MBER	TIONAL TE		R FACIL ST (8000)	ITY
S. PROGRAM ELEM	ENT	S. CATEGORY CO		1. 77	OJE	,	MOEN	e. Phos	ac: co	& ((\$00Q)	
0206496M		171.35		L	-59	5			8,10	0	
			9. CO	IT 68	TIMA	TE8					
		ITEM					N/M	QUANTITY	COS		D6" D00)
OPERATIONAL	TRAINE	R FACILITY .	$\overline{\cdot \cdot}$		•	•	SF	93,900	-	6	, 310
BUILDING .							SF	15,300	123.0	00 (1	,880)
BUILDING A	LTERAT	IONS					SF	78,600	64.	00 (5	(030)
SUPPORTING F	ACILIT	IES					!-	_	-		400
UTILITIES.							LS	٠.	-		330)
PAVING AND	SITE	IMPROVEMENT.				•	LS	-	-	(_	70)
SUBTOTAL							1 -	-	-	7	,310
CONTINGENCY	(5%)						-	-	-	1 _	370
TOTAL CONTRA	CT COS	ST					-	i -	-	7	,680
SUPERVISION,	INSP	CTION & OVER	HEAD	(5.	5%)		-	-	-	i _	420
TOTAL REQUES	T						-	-	-	8	,100
EQUIPMENT PR	OVIDE	FROM OTHER	APPRO	PRI	ATI	ONS	-	- (%	DA-ND	D) (0)
										į	
									┺		

Two-story steel frame and masonry building, concrete foundation and floors, built-up roof, two high-bays for simulators; modify building for installation of maintenance simulators and classrooms; fire protection system, air conditioning, sound actenuation, utilities.

11. REQUIREMENT: 121,880 SF. ADEQUATE: 27,980 SF. SUBSTANDARD: (78,600) SF. PROJECT: Constructs a facility to house MV-22 aircraft operational and maintenance trainers and their associated shop, computer, classroom and administrative spaces; modifies one building. (New mission.) REQUIREMENT: An adequate facility for providing training to aircrews and mechanics in operating and maintaining the new aircraft in a safe, efficient, and effective manner, with minimum risk to men and materiel during the training process.

CURRENT SITUATION: Eleven MV-22 aircraft squadrons are scheduled to arrive on the West Coast during the early 1990's. El Toro has been assigned to host the training functions for these squadrons, with the training devices schedule's to arrive in mid 1993. There are no facilitie available to house these devices, nor is there adequate space available to conduct the associated classroom portions of the training.

IMPACT IF NOT PROVIDED: Squadrons will not be able to transition to the new aircraft on the West Coast.

1. COMPONER	47			2. DATE
NAVY		FY 19 ⁹¹ MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLA	TION	AND LOCATION		
		AIR STATION, EL TORO, CALIFORNIA		
4. PROJECT T	TITLE		5. PROJE	CT NUMBER
OPERATION	IAL T	TRAINER FACILITY	1	2-595
12. SUP	· LAKIMIK	ENTAL DATA:		
a. Military		imated design status: (Project design conformations) Project design conformation Project de		art II of
	(1)	Status:		
		(a) Date Design Started		11-88
		(b) Percent Complete as of January 1990		100
		(c) Date Design 35% Complete		
		(d) Date Design Complete	: • • • • •	1-90
i	(2)	Basis:		
				No X
		(b) Where Design Was Most Recently Used:	N	/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):		(<u>\$000</u>)
		(a) Production of Plans and Specifications.		
		(b) All Other Design Costs		
		(c) Total(d) Contract		
		(e) In-house		
		(e) In mode		(
	(4)	Construction start	12	2-90
		(π	nonth a	and year)
b.	Pani	ipment associated with this project which will	ha m.	
		propriations: None.	ne bro	ovided .
Trom Ocur	r op	Propriacions. None.		
		•		

DD : 50RM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

101

. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	1	. DATE			
NAVY												
. INSTALLATIO	N AND LO	CATION	-		4. COMMA	ND			S. AREA CO			
NAVAL AIR Lemodre, (ANDER IN			1.14			
. PERSONNEL		PERMANEN	r		STUDENTS			SUPPORT	GRTED			
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL		
a. AS OF 09/30/88 b. END FY	466	4938	1163	82	223	0	3	86	٥	696		
1994	535	4594	1163	72	378	0	0	33	•	677		
			7.	INVENTO	RY DATA ((000						
a. TOTAL ACRI b. INVENTORY c. AUTHORIZA' d. AUTHORIZA' f. PLANNED II g. REMAINING h. GRAND TOT	TOTAL ASTION NOT TION REQUIRED INC. TO NEXT TO DEFICIE!	YET IN II JESTED IN JUDED IN I HREE PROGI	THIS PROFOLLOWING	GRAM PROGRAM			1	91,650 3,990 1,320 2,550 10,200 02,960 12,670				
CATEGORY								OST	DESIGN			
171.20 WE/	APONS SCI	PROJECT HOOL ADDI				SCOPE LS		900	10/88	COMPLET		
218.50 BA	TTERY SHO TOTAL	OP .				L\$		1,320	09/88	06/89		
211.03 VEF B. MAJOR F 148.15 WE/	TOTAL	NEXT THRE	E YEARS:			11,160 LS	SF	2.550				
suppo Fleet Repla	tain and ort open Light /	operate ations of Attack (Atta	facilitie aviation -7 and F/	activit A-18) Sqi	ies of th			ls to		<u> </u>		
B: INSTA	TION ABA		ON		<u>\$</u> : (<u>\$0</u> 1,2 24,3 2,5	30 50						
							·					
DD FORM 1390 1DEC76				_ <u></u>					PAGE NO	102		

1. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
3. INSTALLATIO	N AND LO	CATION			4. COMMA	vo	 		5. AREA CO	
LONG BEAC					NAVAI COMM	. SEA SYS	TEMS		1.21	INDEX
6. PERSONNEL		PERMANEN'	·		STUDENTS			SUPPOR		T
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	D CIVILIAN	TOTAL
a. AS OF 09/30/88 b. END FY	40	3	6394	٥	0	60	133	187	5 187	8693
1994	37	3	5700	۰	0	€0	185	180	270	8059
			7.	INVENTO	RY DATA ((000)				
b. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOT	TION NOT TION REC TION INC! N NEXT TI DEFICIE!	YET IN II DESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM				84,400 3,630 500 1,000 22,500 77,850 89,880		
CATEGORY CODE		PROJECT	TITLE			SCOPE		OST (000)		STATUS COMPLETE
	BESTOS RI	EMOVAL SH				LS		500	09/88	06/89
	RIMETER S	SEC LIGHT	ING .			20,000	LF <u>-</u>	1,000		
8. MAJOR 441.30 HA 842.10 UT	Z MTRLS S		AC .			LS LS		3,200 19,300		
carr supp alte	tenance a iers with ort provi rations,	and overhad n heavy ended included included including the second including the second include	hul of su mphasis of ades convi acking.	n unsche ersion, Support	ips up to duled repr reactivat is also (eapon sys	eir work. ion, over provided	Logist haul, re	ic pair,		
11. OUTSTANDI A: POLLU B: INSTA C: OCCUP	TION ABA	FEMENT	ON		5:					
		٠								

. COMPONENT	Ì	FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	-	. DATE	
NAVY								<u> </u>		
. INSTALLATIO	N AND LO	CATION			4. COMMA			5	. AREA CO	
NAVAL STAT		ORNIA				ANDER IN (CHIEF.		1.21	
. PERSONNEL STRENGTH		PERMANEN	г		STUDENTS	3		SUPPORTE	ō	
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	TED CIVILIAN OFFICER		ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END FY	924	12155	3256	٥	•	0	116	789	0	1724
1994	795	12917	3256	0	0	0	116	789	0	1787
•			7.	INVENTO	RY DATA	\$000)				
a. TOTAL ACRI			ED 00	(1,351)			07 770		
b. INVENTORY c. AUTHORIZA								07,770 26,55 0		
d. AUTHORIZAT								9,300 9,180		
e. AUTHORIZAT								29.920		
g. REMAINING	DEFICIE	NCY						95.440		
n. GRAND TOT						· · · · ·		78 160		
B. PROJECTS R	REQUESTED	IN THIS	PROGRAM:							
CATEGORY CODE		PROJECT	TITLE			SCOPE		OST	DESIGN START	
	SICAL F	THESS FA				LS		5,800	03/87	05/88
842.10 WH		ITIES UPG	RADE			LS		3,500	12/83	12/88
	TOTAL							9,300		
O SUTUDE DO	IECTE.									
9. FUTURE PRO	JUEC 13:									
A. INCLUDE								0.450		
	KIHING P. Terfront	IER EXTEN: Brig	210N			LS LS		3,450 5,730		
	TOTAL							9,180		
B. MAJOR F	PLANNED I	NEXT THRE	E YEARS:							
151.20 BE	RTHING P	IER IMPRO	VEMENT			LS		24.000		
		FFICER QU. Ry barraci				34,000 10,530		4,520 1,400		
721.40 01.	301-1114	AI DANNAG	~			10,550	J.	1,400		
O. MISSION OF	R MAJOR I	FUNCTIONS								
Prov	ides log	stic sup	port for	the oper	ating for	ces of th	e Navy a	nd for		
					water, to				ī	
fact	lities fo	or milita	ry person	nel. Th	e Pay and	Personne	1 Admini	strative		
		em Detach nd shore :		ives, pr	ocesses,	and trans	ters per	sonne!,		
1. OUTSTANDI			SAFETY DE	FICIENCI						
	TION ABA	TEMENT Restorati	DN			70 90				
C: OCCUPA				(GSH):		00				
										-
									•	

1. COMPONENT	FY 1	9 91 MILITARY CO	NSTRUC	TION	PRO	DJECT DAT	ΓA 2. D	STA
3. INSTALLATION A	ND LOC	ATION	-	4. PRC	JECT	TITLE		
NAVAL STATIO	N.							
LONG BEACH.	CALIFO	RNIA		PE	IYSI	CAL FITNE	SS FACI	LITIES
5. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC	T NUM	BER	E. PROJE	CT COST ((000)
0204796N		740.50	P-20	3		5,	800	
		9. COI	T ESTIMA	TE8				
,		ITEM			W/U	QUANTITY	UNIT	COST (\$000)
PHYSICAL FIT	NESS I	ACILITIES		$\overline{\cdot}$	LS	-	-	3,550
BUILDING .		· · · · · · · · ·		.	SF	30,000	94.00	(2,820)
OUTDOOR RE	CREATI	ON FACILITIES		.	LS	-	-	(730)
SUPPORTING F	ACILIT	IES			-	-	- '	1,690
SPECIAL CO	NSTRUC	TION FEATURES		.	LS	-	-	(180)
ELECTRICAL	UTILI	TIES		.	LS	-	-	(350)
MECHANICAL	UTILI	TIES		.	LS	-	-	(280)
PAVING AŅD	SITE	IMPROVEMENT, DEMO	LITION.		LS	-	-	(<u>880</u>)
SUBTOTAL					-	-	-	5,240
CONTINGENCY	(5%) .			.	-	_	-	260
TOTAL CONTRA	CT COS	ST		.	-	 -	-	5,500
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	. 1	-	-	-	300
TOTAL REQUES	r				-	-	-	5,800
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (N	DN-ADD)	(0)
10. DESCRIPTION O	F PROP	SED CONSTRUCTION						

Reinforced concrete and masonry building, pile foundation, concrete floor, built-up roof, fire protection system, ventilation, utilities; pool, outdoor track and fields, tennis courts; hazardous waste cleanup.

11. REQUIREMENT: As Required.

PROJECT: Provides indoor and outdoor physical fitness and recreation facilities including a fieldhouse with gymnasium, handball courts, indoor swimming pool, weight room, and related indoor support facilities. Outdoor facilities include football and succer fields, a quarter-mile track, and eight tennis courts. Lighting will be provided for outdoor fields and courts. (New mission.)

REQUIREMENT: Adequate physical conditioning and recreational facilities to accommodate over 11,000 military personnel and their dependents. This activity provides homeporting support for one Battleship Surface Action Group and one amphibious squadron. In addition, 30 combatants and support ships are homeported.

CURRENT SITUATION: One small inadequate gymnasium, eight softball fields, a 16-lane bowling alley, and two outdoor pools are the only recreation facilities presently available.

IMPACT IF NOT PROVIDED: Adequate physical fitness and recreational facilities will not be available to support assigned personnel.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPON	NT		2. DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DA	1
3. INSTALL	ATION	AND LOCATION	
		N, LONG BEACH, CALIFORNIA	
4. PROJECT	TITLE	5.	PROJECT NUMBER
PHYSICA	L FIT	NESS FACILITIES	P-203
12. SU	PPLEM	ENTAL DATA:	
a. Militar		imated design status: {Project design conforms dbook 1190, "Facility Planning and Design Guide	
	(1)	Status:	
	(=/	(a) Date Design Started	1-88
	(2)	Basis:	
		(a) Standard or Definitive Design: Y (b) Where Design Was Most Recently Used:	es No X
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>270</u>) (<u>560</u> (<u>520</u>)
	(4)	Construction start(m	12-90 onth and year)
b. from ot	-	ipment associated with this project which will ppropriations: None.	be provided

DD 1 DEC 76 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1	19_91_MILITARY CO	ONSTRUC	TION PR	OJECT DA		ATE
3. INSTALLATION	AND LOC	ATION		4. PROJEC	TTITLE		
NAVAL STATIO							
LONG REACH.	•	MUTA		WUADE	UTILITIE	C ITECHA	ne .
S. PROGRAM ELEM		S. CATEGORY CODE	7. PROJEC	T NUMBER		ECT COST (
9, FROGRAM & 22m		0.00.000					
0204796N		847.10	P-20	1		3.500	
		9. CC	ST ESTIMA	TES			
		ITEM		U/M	QUANTITY	UNIT	CDST (\$000)
WHARF UTILIT	IES UP	GRADE		. LS	-	-	3,160
STEAM LINE	UPGRA	DE		. LS	-	-	(600)
POTABLE WA	TER SY	STEM UPGRADE		. Ls	-	-	(2,320)
PAVING AND	SITE	IMPROVEMENT		. Ls	i -	-	(440)
SUBTOTAL.				. -	-	-	3,160
CONTING	• • •			. -	-	-	160
TOTAL CONTRA				. -	-	-	3,320
		CTION & OVERHEAD	(5.5%).	. -	_		180
TOTAL REQUES				- -	-	_	3,500
		FROM OTHER APPRO	OPRIATIO	NS -	1 - 0	NON-ADD	(0)
		SED CONSTRUCTION					

Replace 10-inch steam conduits, manholes and valves; 16-inch potable water line, upgrade distribution laterals, 750,000-gallon water storage tank, booster pump station.

11. REQUIREMENT: As Required.

PROJECT: Upgrades utilities on the west side of Pier E. (New mission.) REQUIREMENT: Adequate utility systems with sufficient capacity to fully support all ships berthed at Pier E. Pier E has recently been transferred from a shippard repair pier to a naval station homeporting pier for four frigates in support of a Battleship Surface Action Group to be homeported in San Francisco, California.

CURRENT SITUATION: Existing utilities on the pier were installed for outfitting of ships that had completed overhaul. The steam distribution system has insufficient capacity to meet the requirement. Water supply is dependent upon the water supply from the City of Long Beach. Inadequate water storage capacity exists in the shipyard to provide adequate water pressure should the loss of city water occur.

IMPACT IF NOT PROVIDED: Failure of any of the utilities services would result in disruption of activities, delay of repairs, and have a detrimental impact on the readiness of ships.

(Continued on DD 1391c)

DD, FORM, 1391

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
NAVAL STATIO	N, LONG BEACH, CALIFORNIA	
4. PROJECT TITLE		5, PROJECT NUMBER
WHARF UTILIT	IES UPGRADE	P-201
12. SUPPLEM	ENTAL DATA:	
a. Est	imated design status: (Project design conform	as to Part II of
Military Han	dbook 1190, "Facility Planning and Design Guid	ie.")
(1)	Status:	
\ -,	(a) Date Design Started	12-83
	(b) Percent Complete as of January 1990	
	(c) Date Design 35% Complete	
	(d) pare pesign complete	12-00
(2)		
	(a) Standard or Definitive Design:	YesNo_X
	(b) Where Design Was Most Recently Used:	N/A
(3)		(\$ 000)
	(a) Production of Plans and Specifications	
	(b) All Other Design Costs	· · · · · · · · · · · · · · · · · · ·
	(d) Contract	
	(e) In-house	
(4)	Construction start	
		(month and year)
b. Equ	ipment associated with this project which will	l be provided
from other a	ppropriations: None.	
		_
	•	

DD : FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	1		
. INSTALLATIO	N AND LO	CATION			4. COMMA	NO			AREA CO	
NAVAL AIR Miramar,						ANDER IN (FIC FLEET	CHIEF.		1,21	
. PERSONNEL STRENGTH		PERMANEN'	r		STUCENTS			SUPPORTE	D	
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END FY	890	6971	1840	122	357	0	169	495	•	1084
1994	903	6795	1863	139	357	•	179	535	•	1075
			7.	INVENTO	RY DATA	(000				
c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED 19 g. REMAINING h. GRAND TOT 8. PROJECTS F	TION REQUIENCE IN NEXT TO DEFICIE	JESTED IN LUDED IN IN HREE PROGINCY.	THIS PROFOLLOWING	GRAM . PROGRAM				46,550 5,500 0 1,870 59,580 03,400		
CATEGORY CODE		PROJECT				SCOPE		0 3 7	DESIGN START	
		DEMIC FACT				30,200 S	SF	4,600 900 5,500	11/88	01/90 09/89
	ED IN FOI		YEARS:			L\$ 2,710 !		700 1,170	,	
suppo of Wo Repla	tain and ort opera est coast	operate (acilitie: aviation ighter sq iquadron	activit	ies of the Elec	vices and e Pacific et fighter	Fleet.	Homeport ons		
Four	Naval A	rposite st ir Reserve ly Warning	Squadro		Cari	nter Weapo rier Air i		91		
	TION ABAT LATION !	TEMENT Restoratio)N		4,01 14,5	<u> </u>				
٠										

1. COMPONENT	FY 1	19 91 MILITARY CO	ONS.	ΓR	JÇ	TIO	N PR	DJECT DA	TA	2. D/	ATE
3. INSTALLATION	NO LOC	ATION				4. PI	ROJECT	TITLE			
NAVAL AIR ST	ATION.										
MIRAMAR, CAL	I FORNI	A				1	OPGU	N ACADEMI	C FAC	CILI	TY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7, 8	ROJ	EC	TNU	MBER	S. PROJ	CT CO	ST (9	(000)
0204696N		171.20		P 3	46	5			4,600)	
		9. CC	ST E	STW	IAI	E8					
		ITEM					W/W	QUANTIFY	UNI		COST (\$000)
TOPGUN ACADEL	IC FA	CILITY		•	•	•	SF	30,200	120,	.00	3,630
SUPPORTING F	ACILIT	IES			•		-	_	-	-)	520
UTILITIES.							LS	-	-	- 1	(300)
PAVING AND	SITE	IMPROVEMENT					LS	-	-	- 1	(220)
SUBTOTAL					•		-	-	-	l	4,150
CONTINGENCY	(5%) .				•		-	-	-	- 1	210
TOTAL CUNTRA	CT COS	T					1-	-	-	1	4,360
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.	51)	•	•	! -	-	-	- [240
TOTAL REQUES!	r						-	-	-	- 1	4,600
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	OPRI	AT I	10	IS	-	i - (NON-1	ADD	(0)
		SEED CONSTRUCTION									

Two-story reinforced concrete frame and masonry building, concrete floors, pile foundation, built-up roof, security system, fire protection system,

air conditioning, utilities.

11. REQUIREMENT: 30,200 SF. ADEQUATE: 0 SF. SUBSTANLARD: 0 SF.

PROJECT: Provides a weapons school. (Current mission.)

REQUIREMENT: Adequate academic training facilities in a secure environment to accommodate the Navy Fighter Weapons School (NFWS), including spaces for administrative support. NFWS is the primary Navy and Marine Corps authority for actical development in maritime air superiority and fighter employment in the power projection role.

CURRENT SITUATION: The NFWS is currently training in space designed and utilized as a hangar. Noise abatement, security for maintenance of sensitive information, and an environment conducive to academic training and study are not available. NFWS is a school without proper training facilities.

IMPACT IF NOT PROVIDED: NFWS will continue to curtail the number of student candidates, and limit the scope of education offered in the missions assigned, and the nature and scope of classified material necessary for research and tactics development in primary mission areas. This would adversely affect the Navy's mission in support of maritime air superiority and fighter employment in the power projection role. The

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 1 1

i

1. COMPONENT			2. DATE
NAVY	FY		1
3. INSTALLATI	ON AND LO	CATION	
		, MIRAMAR, CALIFORNIA	
4. PROJECT TIT	LE		S. PROJECT NUMBER
TOPGUN AC	DEMIC F	ACILITY	P-346
IMPACT IF	NOT PRO	(Continued) VIDED: (Continued) mately be evidenced in defense of the car open-ocean operations or in projecting na	
12. SUPPL	LEMENTAL	DATA:	
		d design status: (Project design conform 1190, "Facility Planning and Design Guid	
·	(1) Sta (a) (b) (c) (d)	Percent Complete as of January 1990 Date Design 35% Complete	100 5-89
	(2) Bas (a) (b)	Standard or Definitive Design:	Yes No X
-	(3) Tot (a) (b) (c) (d) (e)	All Other Design Costs Total Contract	(<u>170</u>) (<u>340</u>)
	(4) Con	struction start	10-90 (month and year)
		t associated with this project which will riations: None.	•
-		•	

DD 1 DEC 76 13916

1. (OMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE		
3. 1	INSTALLATIO	N AND LO	CATION			4. COMMA	ND	~~~~	1	5. AREA CO		
	NAVAL POS Monterey,						F OF NAVAI ATIONS	L		1.25		
	PERSONNEL		PERMANEN	r ·		STUDENTS	3	SUPPORT	ED			
	AS OF	OFFICER	EMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL.	
	08/30/88 END FY	92	94	912	1700	•	0	٥	0	0	2798	
	1994	\$2	98	1006	3000	<u> </u>	0	0) 0	<u> </u>	3196	
				7.	INVENTO	RY DATA	\$000)					
0 d e f g h	INVENTORY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED I REMAINING GRAND TOT PROJECTS F	TION NOT TION REQ TION INC N NEXT TO DEFICIE TAL	YET IN II UESTED IN LUDED IN HREE PROG NCY.	THIS PROFULLOWING	GRAM PROGRAM				57,400 3,140 16,050 14,000 34,030 16,640 41,260			
ÇA'	TEGORY CODE		_ PROJECT				_SCOPE		:OST	DESIGN		
1' 2 7: 7:	71.25 LE 19.10 PU 24.11 BL 40.43 GY	BLIC WORK	ADDASEISM KS COMPLE R & SEISM	IC UPGR			LS 35,950 LS 28,200 14,000	SF SF	2,180 4,600 3,200 3,970 2,100	11/88 11/88 11/88	09/89 01/90 01/90 01/90 01/88	
9.	FUTURE PR	TOTAL			·				16,050			
		ED IN FO: Gineering Ismic upo Total	S BLDG	ROGRAM			L\$ 67,500	SF	12,000 2,000 14,000			
	B. MAJOR			E YEARS:					. 500			
6		ANAGEL LI		RS ADDN			LS LS 93,000	SF	1,500 3,700 10,200			
10.	such mest	other to	direct the echnical ds of the	advance and profe Naval se	ssional rvice: f	ion of Na instructi oster and excellenc	on as may	be pres	cribed t	•		
11.	OUTSTANDI A: POLLU B: INSTA C: OCCUP	TION ARA	TEMENT	DN .	-		00) 0 20 0					
	C: GCCUP	ATIONAL :	SAFETY AN	D HEALTH	(OSH) :		•					

1. COMPONENT NAVY	19 <u>91</u> MILITARY CO	TION PR	OJECT DA	TA 2. C	PATE			
3. INSTALLATION AND LOC NAVAL POSTGRADUATE MONTEREY, CALIFORN	SCHOOL,		BUILD	ROJECT TITLE BUILDING CONVERSION AND SEISMIC UPGRADE				
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNUMBER	8. PROJ	ECT COST (8000)		
0805796N	724.11)] 3	,200	,200			
	9, 00	ST ESTIMAT	res					
, 	ITEM		U/M	QUANTITY	UNIT	COST (\$000)		
	CON & RENOVATION BUILDING	(5.5%).	. SF . LS . LS	13,950 - - - - - - - (NO	50.00 - - - - - - - - - N-ADD)	2,890 (700) (1,620) (570) 2,390 140 3,030 170 3,200 (0)		

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Convert offices and classroom space on the second floor of a five-story building to bachelor officer quarters; 27 suites including combination living-bedroom, bathroom, pullman type kitchen, lounges, laundry, storage, vending, mechanical equipment; fire protection system, ventilation, utilities; seismic upgrade of this five-story building, including structural reinforcement of both the wooden building and the concrete footings. Grade mix: 27 W1-02. Total: 27.

11. REQUIREMENT: As Required.

PROJECT: Provides additional bachelor officer quarters and seismic upgrade of a five-story building. (Current mission.)

REQUIREMENT: Adequate on-campus housing to accommodate increased student enrollment. Restoring the original victorian character and providing seismic upgrade for Building 221.

CURRENT SITUATION: Bachelor officers are either housed inadequately in the bachelor officer quarters or are living in civilian housing that is either inadequate or too costly. The lack of sufficient bachelor officer quarters for transients is resulting in exhorbitant per diem costs because of personnel using hotels.

IMPACT IF NOT PROVIDED: Housing per diem cost will continue to rise. The Naval Postgraduate School academic programs will be limited in their ability to perform their mission.

(Continued on DD 1391c)

DD: 508M 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 1 1 3

1. COMPONENT	1	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
	ADUATE SCHOOL, MONTERBY, CALIFORNIA	·
4. PROJECT TITLE		S, PROJECT NUMBER
BUILDING CON	VERSION AND SEISMIC UPGRADE	P-129
ADDITIONAL:	MENT: (Continued) The local vacancy factor is under one percent sing costs beyond the means of most military p	
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid	
(1)	Status:	
-	(a) Date Design Started	
(2)		
• •		Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Lesign Costs	(<u>150</u>) (<u>310</u> (<u>270</u>)
(4)	Construction start(12-90 (month and year)
_	ipment associated with this project which will	L be provided
from other a	ppropriations: None.	

1. COMPONENT	FY 1	9_91 MILITARY CO	NSTRUC	TION PR	OJECT DA		ATE
NAVY	ND LOC	ATION		4. PROJEC	TTITLE		
NAVAL POSTGR							
MONTEREY. CA		· · · · · · · · · · · · · · · · · · ·					
S. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC	TNUMBER	CARE CEN	ECT COST (8000)
0805796N		740.74	7	9	100		
			T ESTIMAT			AVV	
		ITEM		U/M	QUANTITY	UNIT	COST (\$000)
SUBTOTAL CONTINGENCY TOTAL CONTRAC SUPERVISION, TOTAL REQUEST	SITE (5%) CT COS INSPE	IES		.]-	14,000 - - - - - - (NO	93,00 - - - - - - N-ADD)	1,300 600 (420) (180) 1,900 90 1,990 110 2,100 (0)

One-story steel frame building, concrete foundation and floor, masonry walls, built-up roof over metal decking, fire protection system, ventilation, utilities; outdoor playground area.

11. REQUIREMENT: 20,200 SF. ADEQUATE: 6,200 SF. SUBSTANDARD 0 SF. PROJECT: Constructs a child care center with classrooms, crib r oms, office space, storage, and playgrounds to accommodate school and pre-school age children and infants. (Current mission.)

REQUIREMENT: An adequate child care center for the school's military students' dependents, to include pre-school teaching facilities and the necessary accommodations for infant care.

CURRENT SITUATION: The existing facility is of semi-permanent construction and inadequate in size for the military population. It is not feasible to modernize and expand the existing facility because of its age and sheet metal construction, its industrialized location, and it is on the site for proposed future academic expansion. There is a need for more space to accommodate 200 additional children already on a waiting list.

IMPACT IF NOT PROVIDED: Only 60% of the families at the NAVPGSCOL will be able to utilize the existing child care center. Using the facilities in the local community is expensive and inconvenient. Continued use of the existing facility will unnecessarily subject children to the hazards of an industrialized area, and will cause hardship for the families not

accommodated.

(Continued on DD 1391c)

DD 1 DEC 74 1391 S/M 0102-LF-001-3810

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

	2. DATE
FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA
AND LOGATION	
RADUATE SCHOOL, MONTEREY, CALIFORNIA	
	5. PROJECT NUMBER
ENTER	P-137
CENTAL DATA:	
timated design status: (Project design conformation 1190, "Facility Planning and Design Guid	
(a) Date Design Started	<u>100</u> 7-87
	YesNo_X_
Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>110</u>) (<u>120</u> (<u>180</u>)
Construction start	11-90 (month and year)
uipment associated with this project which wil	l be provided
	AND LOCATION RADUATE SCHOOL, MONTEREY, CALIFORNIA ZENTER ZENTAL DATA: timated design status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status: (Project design conformation of the status of t

1. COMPONENT NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA										
3. INSTALLATION	NO LOC	ATION		4. PRO.	4. PROJECT TITLE						
NAVAL POSTGRA	NAVAL POSTGRADUATE SCHOOL,										
MONTEREY, CAI	IFORN	IA		GYN	nasi	UM					
S. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	T NUME	EA	B. PROJE	CT COST	(\$000)			
0805796N 740.43				1		3,	970				
		9. CO	ST ESTIMA	TES							
		ITEM		l	/м а	UANTITY	UNIT	COST (\$000)			
GYMNASIUM			• • • •	• 18	11.	28,200	105.00	2,970			
SUPPORTING FA	CILIT	IES		.]-	.	-	-	610			
SPECIAL COL	ISTRUC	TION FEATURES		. iı	s i	-	i -	(60)			
UTILITIES.				.]1	s	-	-	(230)			
PAVING AND	SITE	IMPROVEMENT		. 11	s	-	i -	(320)			
SUBTOTAL				. -	.	-	-	3,580			
CONTINGENCY	(5%) .			. -	.	-	-	180			
TOTAL CONTRAC		T		. -	.	-	-	3,760			
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	. -	.	-	ļ -	210			
TOTAL REQUEST	r			. -	-	-	-	3,970			
EQUIPMENT PRO	WIDED	FROM OTHER APPRO	PRIATIC	NS -	.	- (NO	N-ADD)	(0)			
TO DESCRIPTION O	E PROPO	MED CONSTRUCTION									

One-story steel frame building, masonry walls, concrete foundation and floor, clay tile roof over membrane on insulated metal decking and steel trusses, fire protection system, utilities, mechanical ventilation.

11. REQUIREMENT: 41,860 SF. ADEQUATE: 13,660 SF. SUBSTANDARD: PROJECT: Constructs a gymnasium with space for basketball, handball, and squash courts, weight and exercise rooms, sauna, multi-purpose room, showers, dressing and locker rooms, and issue room. (Current mission.) REQUIREMENT: An adequate gymnasium facility for military students and staff personnel, dependents, civilian employees, and retired personnel. CURRENT SITUATION: The existing facility is a converted sheet metal building, inadequate in size for the school's present and future population needs. The facility is isolated in an industrialized area used for public works shop facilities. This location has created incompatible land use patterns. Many authorized personnel are discouraged from using the facility.

IMPACT IF NOT PROVIDED: Continued inability to provide an adequate exercise program for students, dependents, and support personnel. The retention of academic excellence, essential to the school's mission, requires a viable physical fitness program.

(Continued on DD 1391c)

DD : 500% 1391 E/N 0102 LF-001-3910

FREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

roject t Mnasiur			P-151
. SUP	PLEME	NTAL DATA:	
a. litary		mated design status: (Project design conform book 1190, "Facility Planning and Design Guide	
	(1)	Status: (a) Date Design Started	
	(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>120</u> 300 (<u>0</u>
	(4)	Construction start	12-90 month and year
b. om othe		pment associated with this project which will propriations: None.	be provided
OW 05136	er ap	brobirgious: woue:	

DD : 508% 1391c S/N 0102-LF-001-3019

and the second of the second o

:

1. COMPONENT	FY 1	19.91 MILITARY	co	NSTRUC	TIO	N PR	OJECT DA		ATE
3. INSTALLATION	ND LOC	ATION			4. PR	OJECT	TITLE		
NAVAL POSTGRA	DUATE	SCHOO!,			L	BCTU	RE HALL A	DDITION	
MONTEREY, CAL	IFORN	IA			A	ND S	EISMIC UP	GRADE	_
S. PROGRAM ELEM	ENT	6. SATEGORY CODE		7. PROJEC	T NUI	MBER	S. PROJ	ECT COST (1000)
0805796N		25		P-161				2,180	
			. CO	T ESTIMAT	res				
	_	ITEM				U/M	QUANTITY	COST	COST (\$000)
LECTURE HALL	ADDIT	ION AND SEISMI	C UI	GRADE.	•	LS	_	-	1,970
BUILDING A	DITIO	N			•	SF	6,000	145.00	(870)
SEISMIC UPO	RADE.					LS	·	-	(960)
PAVING AND	site	IMPROVEMENT			•	LS	! -	-	(146)
SUBTOTAL					•	-	i -	-	1,970
CONTINGENCY	(5%) .		• •		•	-	! -	-	<u></u>
TOTAL CONTRAC			. •		•	-	-	-	2,3/0
•		ction & overhe	AD	(5.5%).	•	-	! -	-	
TOTAL REQUEST			• •		•	-	, -] -	2,180
EQUIPMENT PRO	OVIDED	FROM OTHER AP	PROI	PRIATION	IS	-	- (NON-ADD	(0)
70 0555-015-110110		MEN CANCY BUCKTON							

One-story reinforced concrete and masonry building addition, concrete foundation and floor, built-up roof, seismic upgrade, fire protection system, ventilation system, utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides additional 600 seating capacity in the lecture hall, and increases the buildings resistance to selsmic forces. (Current mission.) REQUIREMENT: Adequate facility to accommodate seating the student population in the lecture hall. Increase the strength of the building to resist seismic forces.

CURRENT SITUATION: A seismic investigation by a structural engineering firm determined KING HALL was seismically unsafe. Additionally, the increased student body has exceeded the originally designed capacity of 1,170 students. These conditions allow less than two thirds of the students to attend a lecture at one time.

IMPACT IF NOT PROVIDED: The building will remain deficient in its ability to resist seismic forces. If an earthquake above medium magnitude should occur near this installation the damage to the structure and injuries to the occupants would potentially be extensive. Attendance will continue to be limited in the lecture hall with at least one-third of the students unable to participate during important functions. Conducting the necessary academic chain of informational programs will continue to meet with serious instructional problems because of limited seating.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONE	T				2. DATE
NAVY	•	FY 1	9 MILITARY CONSTRUCTION PROJECT D	ATA	2.0216
3. INSTALLA	TION A	ND LOC	ATION		
		DUATE	SCHOOL, MONTEREY, CALIFORNIA		
4. PROJECT	TITLE			S. PROJE	CT NUMBER
LECTURE	HALL	ADDIT	ION AND SEISMIC UPGRADE		P-161
ADDITION requirem A seismic remedial higher to requirem requirem	AL: ents c vul sche han t ent c	Campus concli- nerab mes to the start of zon	(Continued) s space studies on present and future faude a lecture hall auditorium space defi- ility study of the building has been pre- o satisfy the deficiencies. Construction and and building design because of the se- e 4, and adapting an existing building to the se- page.	ciency pared on cost ismic	exists. with s will be
12. SUP	PLEME	NTAL	DATA:		
a. Military			design status: (Project design conform 1190, "Facility Planning and Design Guid		art II of
	(1)	State	us:		
	•	(a)	Date Design Started		<u>10-88</u>
		(b)	Percent Complete as of January 1990		
			Date Design 35% Complete		
		(d)	Date Design Complete		· <u>9-89</u>
	(2)	Basi	s:		
		(a)	Standard or Definitive Design:	Yes	No X
		(Þ)	Where Design Was Most Recently Used:	N	/A
	(3)	Tota	l cost (c) = (a) + (b) or (d) + (e):		(\$000)
		(a)	Production of Plans and Specifications.		
		(b)	All Other Design Costs		
		(c)	Total		
		(d)	Contract		
		(e)	In-house		• (30)
	(4)	Cons	truction start(1-91 and year)
b. from oth	-	-	associated with this project which will iations: None.	l be pr	ovided

DD 1 000 76 1391C

₩ Jernor

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT NAVY	19 91 MILITARY CO	TION PR	OJECT DA	TA 2.	DATE			
3. INSTALLATION AND LO	CATION		4. PROJECT	TITLE				
NAVAL POSTGRADUAT	E SCHOOL.		Ì					
MONTEREY, CALIFORN	•		PURU.I	C WORKS C	OMDIEN	•		
S. PROGRAM ELEMENT	S. CATEGORY CODE	7. PROJEC	TNUMBER					
0805796N	P-146	<u> </u>	4,600					
	9. CC	ST ESTIMAT	TE8					
	ITEM		U/M	QUANTITY	UNIT	COST (\$000)		
PUBLIC WORKS COMP	LEX		. SF	35,950	-	2,830		
SHOPS			. sr	28,400	71.00	(2,020)		
ADMINISTRATIVE A	ARBA		. SF	3,000	116.00	(350)		
AUTOMOTIVE VEHIC	CLE SHOP		. SF	4,550	101.00	(460)		
SUPPORTING FACILI	rizs		.]-	l -	-	1.320		
SPECIAL CONSTRU	CTION FEATURES		. LS	-	1 -	(100)		
UTILITIES			. Ls) -	-	(600)		
PAVING AND SITE	IMPROVEMENT		. LS] -	-	(550)		
DEMOLITION			. Ls	-	-	(70)		
SUBTOTAL			. -	-	-	4,150		
CONTINGENCY (5%)			. -) -	-	210		
TOTAL CONTRACT CO	ST		. -	_	· -	4,360		
SUPERVISION, INSP	ECTION & OVERHEAD	(5.5%).	. -	-	_	240		
TOTAL REQUEST			.] -	-	-	4,600		
	D FROM OTHER APPR	OPRIATIO	NS -	- (NO	N-ADD			
18. DESCRIPTION OF PROP								

Six one-story reinforced concrete and masonry buildings, concrete floors, concrete spread foundations, engineered fill, concrete roof over metal decking, fire protection systems, air conditioning, utilities, security fencing; demolition of two buildings.

11. REQUIREMENT: 45,550 SF. ADEQUATE: 9,600 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a centrally located public works complex. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to accommodate collocating all public works functions in a central complex. An integration of the electrical, plumbing, carpentry, painting, and gardening shops, with the administration office, maintenance storage, and operational spaces in the same complex would provide a more effective and efficient public works operation.

CURRENT SITUATION: Many Public Works shops are located on the sites of planned academic expansion. Existing shops are of temporary construction and in need of replacement.

IMPACT IF NOT PROVIDED: The Public Works facilities will not be available to support maintenance of the schools academic buildings and other functions.

(Continued on DD 1391c)

1. COMPONE	NT		2. DATE
NAVY	:	FY 19 ⁹¹ MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALL	ATION	AND LOCATION	
NAVAL PO	STGR	ADUATE SCHOOL, MONTEREY, CALIFORNIA	
4. PROJECT	TITLE		S, PROJECT NUMBER
PUBLIC W	ORKS	COMPLEX	P-146
•			
12. SUE	PLEM	SNTAL DATA:	
a. Military		imated design status: (Project design conform book 1190, "Facility Planning and Design Guide	
}	(1)	Status: (a) Date Design Started	11-88
ĺ		(b) Percent Complete as of January 1990	
i		(c) Date Design 35% Complete	
		(d) Date Design Complete	
	(2)	- u-	
]		•-•	Yes No X
•		(b) Where Design Was Most Recently Used:	N/A
	(3)		(<u>\$000</u>)
		(a) Production of Plans and Specifications. (b) All Other Design Costs	· فعلنت بروسست بروسته ·
		(c) Total	· · · · · · · · · · · · · · · · · · ·
}		(d) Contract	
		(e) In-house	(40_)
	(4)	Construction start	11-90
		(1	month and year)
b.		ipment associated with this project which will	be provided
from oth	ner a	ppropriations: None.	
l			
			•
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l			

1. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	OGRAM		2. DATE		
NAVY											
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND	į:	5. AREA C			
NAVAL AIR NORTH ISLA	STATION	FORNIA				ANDER IN C		COST INDEX			
6. PERSUNNEL STRENGTH		PERMANEN	7		STUDENTS			SUPPORT			
A. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	EMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
09/30/88 b. END FY	1927	13843	3414	234	401	0	45	670	0	20534	
1994	1939	13331	3414	191	405	0	51	683	0	20014	
			7.	INVENTO	RY DATA ((100)		•		 -	
a. TOTAL ACRI b. INVENTORY c. AUTHORIZAT d. AUTHORIZAT e. AUTHORIZAT f. PLANNED IN g. REMAINING h. GRAND TOT	TOTAL ASTON NOT TON REQUIENCE TON INCLUDENT THE DEFICIENT AL	YET IN IN JESTED IN LUDED IN I HREE PROGR	VENTORY, THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM			2	36,540 29,700 1,500 0 5,650 06,850 80,240			
CATEGORY								OST	DESIGN	STATUS	
	H EXPLOS	PROJECT				8,000 S		1,500		COMPLETE 09/89	
	TOTAL						·	1,500	.0,00	05/03	
9. FUTURE PRO	JECTS:				·						
A. INCLUDE NONE	D IN FOL	LOWING PR	ROGRAM								
* B. MAJOR P 134.70 RAT		EXT THREE	YEARS:			LS		3,150			
	LANCE MA	GAZINE				LS		2,500			
11. OUTSTANDIN A: POLLUT	ain and rt opera G POLLUT ION ABA1	operate fitions of	acilities aviation	activit	1,62	00)					
B: INSTAL C: DCCUPA				(O\$H):	8, 17	'0 0					
				-							

1. COMPONENT	2. DATE								ATE	
NAVY	FY 1	19 <u>91</u> MILITARY CO	NSTRUC	TIO	N PR	OJE	CT DA	TA		
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TIT	LE			
NAVAL AIR STA	TION,									l
NORTH ISLAND,	CALI	FORNIA		H.	IGH I	ITX	OSIVE	MAGA	ZIN	ES
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNU	MBER		B. PROJ	ECT CO	ST (1	1000)
			<u> </u>							i
0204696N		421.22	P-573			نـــــ	10	<u> 500</u>		
		7. 001	1 401		Γ-	г –		UNI		COST
		ITEM			U/M	QUA	ANTITY	COS		(\$000)
HIGH EXPLOSIV	E MAG	AZINES		•	SF	8	,000	154.	00	1,230
SUPPORTING F	ACILIT	IES			-	Ì	-	-	- 1	120
UTILITIES.				•	LS		-	-	I	(50)
· -	_	improvement		•	LS		-	-	İ	(70)
SUBTOTAL			• • • •	•	-		-	-		1,350
CONTINGENCY			• • • •	•	-		-	-	İ	70
TOTAL CONTRAC		T	 /E EL\	•]_		_			1,420
		CTION & OVERHEAD	(3.34).	•	_		_		- 1	1,500
_		FROM OTHER APPRO	PRTATIO	NS.	-	İ	- (NO	N-ADI	ומ	(0)
202212242		11011 111011 111110			1		(-	` "
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10. DESCRIPTION O	FPROPO	SED CONSTRUCTION				Ц		<u> </u>		
Four cast-in-	-nlace	reinforced concre	ete-arci	h st	orag	e m	agazin	es. (cond	rete
	-	aprons, utilities			orag	C 1111	49441	,		
110010 4114 11		apromo, accepta	•							
11. REQUIRE	MENT:	8,000 SF. ADE	QUATE:	0	SF.	SU	BSTAND	ARD:	0	SF.
PROJECT: Pro	ovides	weapons storage	-	_			cent m)
REQUIREMENT:	Adeq	uate and properly	-config	ured	wea	pon	s stor	age :	maga	azines,
l .	_	pron, and support	-	ilit	ies	to i	gccomp	lish	th:	is
		to support fleet		_						
		Weapons storage								
		IDED: Impaired a	DITITY (Or C	ne w	eap	ons de	part	men	· • •
perform its	WIBSIO	n.								1
12. SUPPLEM	ENTAL	DATA:								1
										- 1
a. Est	imated	design status:	(Projec	t de	sign	CO	nforms	to	Par	tIIof
Military Hand	dbook	1190, "Facility P	lanning	and	Des	ign	Guide	• ")		
(1)	Stat									
	(a)	Date Design Star							_	
	(b)	Percent Complete			-				_	
	(c) (d)	Date Design 35%								3-89 9-89
	(4)	Date Design Comp	Tare	• • • •	• • • •	•••	• • • • •	••••	٠.–	3-03
ł					(Co	nti	nued c	n DD	13	91c)
1										

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1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA 2. DATE
3. INSTALLATION	AND LOCATION	
	ATION, NORTH ISLAND, CALIFORNIA	
4. PROJECT TITLE		S. PROJECT NUMBER
HIGH EXPLOSI	VE MAGAZINES	P-573
12. SUPPLEM	ENTAL DATA: (Continued)	
(2)	Basis:	
	(a) Standard or Definitive Design:(b) Where Design Was Nost Recently Used:	Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>95</u>) (<u>95</u>)
. (4)	Construction start	1-91 month and year)
_	ipment associated with this project which will appropriations: None.	be provided

1.	COMPONENT NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
3.	INSTALLATIO	N AND LO	CATION	······································		4. COMMA	NO			S. AREA C	ONSTR.
	PACIFIC MI POINT MUGI			R,		NAVA COMM	L AIR SYS And	TEMS	İ	1.25	
	PERSONNEL		PERMANEN	t .	-	STUDENTS	<u> </u>	SUPPORT	€D	T	
	STRENGTH	OFFICER ENLISTED CIVILIAN OFFICER				ENLISTED	ENLISTED CIVILIAN OFFICER			CIVILIAN	TOTAL
	AS OF OB/30/88 END FY	349	2229	4339	0	0	0	128	341	0	7386
	1994	365	2198	4340	۰	0	0	108	281	0	7292
				7.	INVENTO	RY DATA (6000)				
DUD OF SIN	TOTAL ACRI INVENTORY AUTHORIZA' AUTHORIZA' AUTHORIZA' PLANNED II REMAINING GRAND TOT PROJECTS R ATEGORY CODE 172.10 SEC	TOTAL A: TION NOT TION REQ TION INCI TION INCI TO DEFICIE! "AL	YET IN II UESTED IN LUDED IN HREE PROG NCY.	NVENTORY. THIS PRO FOLLOWING RAM YEARS PROGRAM:	GRAM PROGRAM			2	01.610 33.860 2.060 900 11.600 27,410 777,440		STATUS COMPLETE 01/90
	A. INCLUDE 121.72 MIS E. MAJOR E 319.40 RAF	STLE MAG TOTAL PLANNED I	GAZINE	E YEARS:			5.050 LS	SF	900 900 11,600		
	and the province of the provin	orm deve training support ide range t operat with 13 Point Mu 5 with 1 30 with 1	lopment, for Nava for flee e. target ional tes aircraft gu with 3 3 aircraf 9 aircraf	test and of test and other transfer and other transfer and evaluation and evaluat	systems nd other r suppor luation Na t VA Ra	on, follo . Provid DOD and t service programs val Air R 0-34 with nge track	e major r governmen s for fle and proje eserve Un 10 sircr ing facil Island	ange tec t agenci et train cts. it with aft	thnical a es. ling and 9 aircra	na	
117		TION ABA	TEMENT RESTORATI	DN		2 1 4,4	10				

1. COMPONENT	FY 19	91 MILIT	TARY CO	NST	RU	C	ΓΙΟ	N PRO	JECT DA		ATE
NAVY	AND LOCA	TION				_	4. P.	TOBLO	TITLE		
PACIFIC MISS						١	-,				
POINT MUGU,			,			-	•	ECUP	ITY IMPRO	WENTHE	
S. PROGRAM ELEM		S. CATEGORY	CODE	7 PI	101	C		MBER		ICT COST (
	1			1							
0605896N		872.			P(2.060	
			9. 001	7 65	TIM	<u> </u>	E8_				
		ITEM						U/M	QUANTITY	COST	COST (8000)
SECURITY IMP	ROVENEN	rrs			•	•	•	LS		-	1,860
ALARM CONT	ROL CEN	TER						រះ	•	-	(70)
FENCING							•	LF	19,700	24.00	(470
LIGHTING .					•	•	•	LS	-	-	(370)
ACCESS PAV	TLIONS	AND GUAR	aruoh d		٠	•	•	LS	-		(100
UTILITIES.				• •	•	٠	•	LS	-	-	(850
SUBTOTAL		• .• • •		• •	•	•	•	-	-	-	1,860
CONTINGENCY			• • • •	• •	•	•	•	-	-	-	90
TOTAL CONTRA				• •	•	٠	•	-	•	-	1,950
SUPERVISION,			UNAMAZV	(5.	34)	٠	•	-	_	-	110
TOTAL REQUES				* *	·			-		1	2,060
EOUIPMENT PR						Uľ	13		- (NC	N-ADD)	(6.000)

Security lighting, controlled access pavilions, chain link fencing, building modifications for alarm control center, 50 KW emergency generator, site preparation for IDS system, utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides upgraded security at this aircraft and missile test and development activity with an "enclave" concept of protection around critical assets by restricting and controlling access. The concept is comprised of a sensored fence and buried line sensors to detect an attempted or actual intrusion. Lighted clear-zones will be watched using closed circuit television. Features to limit vehicle penetration will also be provided. (Current mission.)

REQUIREMENT: Adequate physical security for critical test and development aircraft, missiles, equipment, facilities and personnel. Surveillance of these assets will provide protection and reduce pilferage at the activity and help promote the loss prevention program. Terrorism around the world is on the increase. Targets include US military installations, equipment and personnel. Experiences, such as destruction of Navy aircraft in San Juan several years ago, highlight the need to improve security around military installations and airfields. Monitoring devices, alarms, lighting and a surveillance control center will greatly improve effectiveness of fencing and will protect valuable assets. Less visible but just as

(Continued on DD 1391c)

1. COMPONENT	FY 19_91_MILITARY CONSTRUCTION PROJECT DA	TA 2. DATE
3. INSTALLATION	and location Sile Test Center, Point Mugu, California	
SUCTIFIC WIS		
		PROJECT NUMBER
4. PROJECT TITLE		PROJECT NUMBER

11. REQUIREMENT: (Continued)

damaging is the threat of expionage of technologies and weapons development. After recent loss of submarine technologies through spies and technology transfers, the Navy has stepped-up its effort to protect important military developments. PMTC Point Mugu is the Navy's primary air-to-air missile test and development center. It also provides life-cycle software and update support to Navy and Air Force missiles in the inventory. PMTC projects involve missile testing, fire control, electronic warfare and countermeasures, electromagnetic reconnaissance and search, special sensor studies, ocean surveillance, command and control and Naval Air Station operations with 138 aircraft attached. It is a very large installation encompassing 27,000 acres including ocean front and wetlands. It is an installation ideally suited to the "enclave" security concept because facilities are clustered in dry areas throughout the base. New missiles or existing missiles scheduled for extensive modifications are throughly tested prior to full scale production. Loss of hardware and computer software or the "eavesdrop" monitoring of tests through espionage would compromise the combat effectiveness of the aircraft, missiles and the subsystems. It would also make develoment of countermeasures by potential enemies much easier. Improved physical security measures is a proven method of greatly reducing the terrorist threat and the loss of technology and military secrets through espionage. CURRENT SITUATION: Like most military installations, Point Mugu's primary means of security protection is a perimeter fence and security patrols. In general, once inside the installation, a person has unchallenged access to most assets. Assets are left unattended in dark or in poorly-lit areas. With these conditions, intruders could do considerable damage to Navy assets with a low risk of being apprehended. Persons could enter unoccuppied buildings and steal hardware or information. "Eavesdroppers" could set up monitoring stations on-base and receive test data through visual and electronic means. The proposed physical security improvements will provide an integrated security system completely encompassing critical assets, with the capability to deter or detect unauthorized intruders seeking entry into sensitive areas. IMPACT IF NOT PROVIDED: Access to the base is de facto access to sensitive and classified mission assets and information. Weapons systems, classified test and evaluation data and aviation assets will continue to be vulnerable to compromise or destruction. Loss of this data would enable hostile forces to nullify weapons designs prior to their initial operational capability and devise similar advanced weapons at a greatly reduced cost.

(Continued on DD 1391c)

I. COMPONENT		· · · · · · · · · · · · · · · · · · ·		2. DATE
NAVY		MILITARY CONSTRUC	CTION PROJECT DATA	
J. INSTALLATION	AND LOCATI	ON		
PACIFIC MISS	ILE TEST	CENTER, POINT MUGU, C	ALIFORNIA	
4. PROJECT TITLE			5. PRO	JECT NUMBER
SECURITY IMP	ROVEMENTS	<u> </u>		P-063
12. SUPPLEM	ental dat	FA:		
		esign status: (Projection), "Facility Planning		Part II of
(1)	Status	:		
	(b) Po (c) Do	ate Design Started ercent Complete as of ate Design 35% Complet ate Design Complete	January 1990	<u>100</u> <u>5-89</u>
(2)	Basis:			
(2)	(a) St	andard or Definitive Here Design Was Most R	_	No X
(3)	(a) Pi (b) A (c) To (d) Co	cost (c) = (a) + (b) or roduction of Plans and ll Other Design Costs. otal ontract	Specifications	(<u>90</u>) (<u>70</u>)
(4)	Constr	uction start		
			(mon c	h and year)
b. Equ from other a	-	ssociated with this pr tions:	oject which will be	provided
			Fiscal Year	
Equipment Nomenclature		Procuring Appropriation	Appropriated or Requested	Cost (\$000)
Intrusion de system, mon equipment, turnstiles, cables, ala center	itoring gates, electri		1990	6,000
		•		

DD 1 DEC 7: 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. (COMPONENT		FY ,	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE		
3.	INSTALLATIO	N AND LO	CATION			4. COMMAI	ND		-	5. AREA CO		
	NAVAL SHIP				NG		NAVAL SEA SYSTEMS COMMAND 1.18					
	PERSONNEL	·	PERMANENT	7		STUDENTS		SUPPORT	RTED			
	STRENGTH AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
	09/30/88 END FY	20	90	2029	٥	0	0	٥	0	}	213	
	1994	21	88	2029	•	0	•	0	0		2138	
					INVENTO	RY DATA ((000)					
C d e f .	INVENTORY AUTHORIZATAU	TION NOT TION REQU TION INC N NEXT TO DEFICIE	YET IN IN JESTED IN LUDED IN I HREE PROGR	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM				20,130 0 10,100 0 0 14,690 44,920			
CA	PROJECTS R	EQUESTED	IN THIS				SCOPE		OST (000)	DESIGN START		
		NS SYS II	NTEGRATION				107,370		10,100	11/88	01/90	
10.	for miss	R MAJOR ides in- the follo ile, tom	FUNCTIONS Service el owing weal shawk, Bas	: ngineerin pon syste sic Point	ms and c Defense	evaluati omponents , AEGIS, K 92 Fire	: HARPOO NATO SEAS	N, STAND Parrow,	ARD Target	ıt .		
11.	Fire OUTSTANDI	Control	System.									
	A: POLLU' B: INSTA C: OCCUP		RESTORATIO		(OSH):		0					

;

PAGE NO. 130

· ATTACHER

THE COURSE OF STREET STREET, S

FY 19.91 MILITARY CONSTRUCTION PROJECT DATA NAVY A PROJECT TITLE 3. INSTALLATION AND LOCATION WEAPON SYSTEMS INTEGRATION NAVAL SHIP WEAPON SYSTEMS ENGINEERING STATION. PORT HUENEME, CALIFORNIA LABORATORY 7. PROJECT NUMBER B. PROJECT COST (\$000) S. CATEGORY CODE S PROGRAM ELEMENT P-012 10,100 0702096N 9. COST ESTIMATES UNIT ITEM U/M QUANTITY 107,370 8,170 WEAPON SYSTEMS INTEGRATION LABORATORY. . . . SF SF 107,370 64.00 (6,870)LS (1,300)940 SPECIAL CONSTRUCTION FEATURES. LS _ 180) T.S 200) 60) LS PAVING AND SITE IMPROVEMENT. LS 270) LS 230) 9,110 460 9,570 530 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 10,100 - (NON-ADD) EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS 1 10. DESCRIPTION OF PROPOSEC CONSTRUCTION Two-story steel frame and masonry building, concrete foundation and floors, built-up roof, engineered fill, elevators, computer flooring, ventilation, air conditioning, fire protection system, utilities; demolition of six buildings. 11. REQUIREMENT: 282,370 SF. ADEQUATE: 175,000 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs laboratory space and ancillary facilities for weapon systems in-service engineering, automatic data processing, logistics, personnel and equipment. (Current mission.) REQUIREMENT: Adequate specially-configured facility for performance of reliability, maintainability and accountability, computer program support, maintenance engineering, and integrated logistics support for such weapon systems as MX-86 gun fire control system, TERRIER, BASIC POINT DEFENSE, and NATO SEASPARROW. Space is necessary for total in-service engineering for the MK-86 and TERRIER weapon systems, including redesign and laboratory functions. The need for in-service engineering and other logistics support

DD: FORM 1391

1. COMPONENT

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

for these operational weapons systems is increasing in direct proportion to the growing number of ships employing them. While comprehensive R&D facilities are not necessary, adequate laboratory space is required to correct and resolve performance and reliability deficiencies. As changes are proposed, testing and check-out of the weapon system and combat system interfaces must be preformed. These functions require spaces for engineers and technicians to perform test and check-out functions, fault analysis functions, bread-board development efforts and instrumentation design.

AGE NO.

(Continued on DD 1391c)

2. DATE

1. COMPONEN	7		2. DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALLAT	TION AN	DLOCATION	
NAVAL SHI	P WEJ	PON SYSTEMS ENGINEERING STATION, PORT HUENEME	<u> </u>
4. PROJECT T	ITLE		S. PROJECT NUMBER
WEAPON SY	STEMS	INTEGRATION LABORATORY	P-012
CURRENT'S reached a on-static semi-perm leased sy mostly yo impossibl trailers maintenan budget. systems' community community community trailers fac trowded c IMPACT IF supportin will diss Retention	states on face coung sele became in Securimente in	NT: (Continued) ION: Most facilities at the activity are inadice of deterioration beyond economical repair. illities are trailer-like temporary structures structures. Nineteen percent of the workfor off base because of the space shortage. Retentation of highly trained engineers and technicities they must work in inadequate semi-permanters as commercial facilities miles away. Dayer consuming an increasingly larger part of the ity is a critical problem in that most sensitively is a critical problem.	Many of the s and many are ree occupies nation of the lans is ment buildings, to-day e operating rive weapon e surrounding nation, and the lly incapable of on of facilities t productivity.
a.	Estin	mated design status: (Project design conforms	
Military	Handi	book 1190, "Facility Planning and Design Guide	••")
	(1)	Status:	
		(a) Date Design Started	
		(b) Percent Complete as of January 1990	
		(c) Date Design 35% Complete	
		(d) Date Design Complete	<u>1-90</u>
	(2)	Basis:	
			YesNo_X
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a) Production of Plans and Specifications.	
		(b) All Other Design Costs	
		(c) Total	
		(d) Contract	'
		(e) In-house	(60_)
	(4).	Construction start	1-91
_	P4-	r) ment associated with this project which will	month and year)
b. from other		ment associated with this project which will	ne broatned

DD 1 DEC 76 1391C

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### TOTAL ACREAGE (2,408) 96,660	1994	222	3143	2262	111	728	•	5	305.	•	677
D. INVENTORY TOTAL AS DF 30 SEP 88 96.660 38.120				7.	INVENTO	RY DATA ((000				
C. AUTHORIZATION NOT YET IN INVENTORY. 28.120 d. AUTHORIZATION REQUESTED IN THIS PROGRAM. 2.000 e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM. 76.520 g. REMAINING DEFICIENCY. 22.560 h. GRAND TOTAL. 22.660 3. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY COST											
### AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM	C. AUTHORIZA	TOM NOT	YET IN I	IVENTORY.						•	
f. PLANNED IN NEXT THREE PROGRAM YEARS 16.520 g. REMAINING DEFICIENCY 22.560 h. GRAND TOTAL 212.660 B. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY PROJECT TITLE SCOPE (5000) START COMPLEY B12.12 ELECTRICAL DIST SYS IMPR LS 2.000 02/89 06/90 B. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 143.41 UC2-2 OPS FALCILITY LS 5.000 441.10 PUBLIC WORKS SHOPS COMPLEX LS 5.000 441.10 PUBLIC WORKS SHOPS COMPLEX LS 5.000 441.10 PUBLIC WORKS SHOPS COMPLEX JS 0.000 FROM 14.900 740.43 GYMNASIUM LS 4.100 740.74 CHILD DEV CTR ADDITION 5.500 SF 1.990 TOTAL 5.500 SF 1.990 D. MISSION OR MAJOR FUNCTIONS: SUPPORT the Neval Construction Force, fleet units and assigned organizational units deployed from, or homeported at the center; Support mobilization requirements of the Naval Construction Force; store, preserve, and ship advanced base and mobilization stocks. Naval construction Regiment Naval Construction Training Center Four Naval Mobile Construction Naval Civil Engineering Laboratory Battalions Naval Mobile Construction Naval Civil Engineering Laboratory Battalions Naval Mobile Construction Naval Civil Engineering Laboratory Battalions Naval Mobile Construction Naval Civil Engineering Laboratory Battalions Naval Ship Weepon Systems Engineering Station 1. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT 920 BE INSTALLATION 46,170									2,000		
G. REMAINING DEFICIENCY											
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### SCOPE SCOPE START COMPLE ### START	CATEGORY							c	OST	DESIGN	STATUS
FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 143.41 UC2-2 OPS FACILITY 15 6,000 219.10 PUBLIC WORKS SHOPS COMPLEX LS 5,000 441.10 PWRMS WARHOUSE 1610.10 PERSUNNEL SUPPORT COMPLEX 37.000 SF 4,900 740.43 GYMMASIUM 15 4,100 740.74 CHILD DEV CTR ADDITION TOTAL D. MISSION OR MAJOR FUNCTIONS: Support the Naval Construction Force, fleet units and assigned organizational units deployed from, or homeported at the center; support mobilization requirements of the Naval Construction Force; store, preserve, and ship advanced base and mobilization stocks. Naval construction Regiment Naval Construction Training Center Four Naval Mobile Construction Naval Civil Engineering Laboratory Battalions Naval Ship Weapon Systems Engineering Station 1. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT B: INSTALLATION RESTORATION 46,170			PROJECT	TITLE			SCOPE				
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O. MISSION OR MAJOR FUNCTIONS: Support the Naval Construction Force, fleet units and assigned organizational units deployed from, or homeported at the center; support mobilization requirements of the Naval Construction Force; store, preserve, and ship advanced base and mobilization stocks. Naval construction Regiment Naval Construction Training Center Four Naval Mobile Construction Naval Civil Engineering Laboratory Battalions Naval Ship Weapon Systems Engineering Station 1. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT 920 B: INSTALLATION RESTORATION 46,170			TR ADDITE	ON				S.F.			
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Four Naval Mobile Construction Naval Civil Engineering Laboratory Battalions Naval Ship Weapon Systems Engineering Station 1. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT 920 B: INSTALLATION RESTORATION 46,170	stor	'e, preser	rve, and s	thip adva	nced base	and mob	ilization	stocks.			
Naval Ship Weapon Systems Engineering Station 1. QUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT 920 B: INSTALLATION RESTORATION 46,170	Four	Naval Mo									
A: POLLUTION ABATEMENT 920 B: INSTALLATION RESTORATION 46,170			apon Syst	tems Engli	neering :	Station					
A: POLLUTION ABATEMENT 920 B: INSTALLATION RESTORATION 46,170	1. OUTSTAND	NG POLLUT	TION AND S	AFETY DE	ICIENCI	S: (\$00	00)			 	
		ITION ABAT	EMENT				20				
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	A: POLLU B: INSTA	WITCHWE S	ALC: Y AME	, DEALIN !	(497):	5,6					
	A: POLLU B: INSTA										
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1. COMPONENT NAVY	FY 1	19 <u>91</u> MILITARY CO	NSTRUC	TIOI	N PRO	OJECT DA	TA	2. DA1	re
3. INSTALLATION	AND LOC	ATION		4. PR	DJECT	TITLE			
NAVAL CONSTR	RUCTIO	N BATTALION CENTER	₹,	1	LECT	RICAL DIS	STRIB	UTIO	n system
PORT HUENEM	, CAL			1	MPRO	VEMENT			
S. PROGRAM ELEM	ENT	S. CATEGORY CODE	7. PROJEC	TNU	MBER	S. PROJ	ECT CO	ST (\$0	00)
0702 896N	0702896N 812.12 P-474 2,000								
		9. CO	BT ESTIMA	TES					
		ITEM			U/M	QUANTITY	UNI		COST (\$000)
ELECTRICAL I	ISTRI	BUTION SYSTEM IMPE	ROVEMENT		LS	-	 -	\neg	1,810
SUBSTATION	45.			•	LS	-	-	.	(940)
SUBSTATION	MODII	FICATIONS		•	LS	-	-	- 1	(440)
12 KV PEED	er Li	ve		•	LS	-	-	-	(170)
SOUTHERN (ALIFO	RNIA EDISON EQUIP	& LINES	.	LS	-	-		(<u>260</u>)
SUBTOTAL				•	-	-	-		1,810
CONTINGENCY	(5%)			•	-	-	-	- 1	90
TOTAL CONTRA	ACT CO	ST		•) -	-	-	1	1,900
SUPERVISION,	, inspi	ection & overhead	(5.5%).	•	-	-	-		100
TOTAL REQUES				•	-	-	-		2,000
EQUIPMENT PR	ROVIDE	FROM OTHER APPRO	OPRIATIO	NS	-	-	(non–	ADD)	(0)
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10. DESCRIPTION OF PROPOSED CONSTRUCTION

Provide 66 KV/12 KV 20,000 KVA electrical service from Southern California Edison; two substations, switchgear, modify substation, connecting and feeder lines between transformers and switchgear equipment.

11. REQUIREMENT: As Required.

PROJECT: Provides electrical service from Southern California Edison to serve current and future electric power demand. (Current mission.) REQUIREMENT: Adequate electric power service to accommodate demands of users including Naval Construction Battalion Center (NCBC) activities, family housing, tenant activities, and leasing facilities. A 20,000 KVA electric power service is vital to meet the NCBC base mission. The increase in electric power results from an increase in operations, and completion of construction projects to come on line at NCBC. CURRENT SITUATION: The existing electric power service capacity is limited to 7,500 KVA continuous and 10,000 KVA peak. The continuous electrical load during office hours in 1986 was 8,000 KVA with peak 1 8,700 KVA, which are very close to the NCBC capacity. It is anticipated the existing substation will reach its maximum service capability in 1990. IMPACT IF NOT PROVIDED: NCBC mission accomplishment will severely deteriorate. Limited to no operations growth potential, administrative and data processing will be hampered because of brown-outs, and an adverse effect on morale and productivity.

(Continued on DD 1391c)

DD: 50RM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		2. DAYE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
NAVAL CONST	RUCTION BATTALION CENTER, PORT HUENEME, CALIFO	RNIA
4. PROJECT TITLE		5. PROJECT NUMBER
ELECTRICAL	DISTRIBUTION SYSTEM IMPROVEMENT	P-474
12. SUPPLE	ENTAL DATA:	
a. Es Military Ha	timated design status: (Project design confor ndbook 1190, "Facility Planning and Design Gui	ms to Part II of de.")
(1) Status:	
	(a) Date Design Started	
	(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	
	(d) Date Design Complete	
(2) Basis:	
,-	(a) Standard or Definitive Design:	YesNo_X
	(b) Where Design Was Most Recently Used:	N/A
(3) Total cost (c) = (a) + (b) or (d) + (e):	(<u>\$000</u>)
	(a) Production of Plans and Specifications	(<u>95</u>)
	(b) All Other Design Costs	
	(d) Contract	
	(e) In-house	(15_)
(4) Construction start	1-91
		(month and year)
b. Eq	uipment associated with this project which wil	1 be provided
	appropriations: None.	
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DD 1 DEC 74 1391C

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

1.	COMPONENT					_				2. DATE	
}	NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	OGRAM			
3.	INSTALLATIO	N AND LO	CATION			4. COMMAI	ND			5. AREA CO COST I	
	FLEET ANTI				ER		F OF NAVA	_	G	1.21	NOCA
6.	PERSONNEL	[PERMANEN	т	, .	STUDENTS	·	SUPPORT	ED	1	
١.	STRENGTH .	DFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
l	09/30/88 END FY	128	949	96	46	2126	3	0	0	0	3345
L	1994	126	1060	95	83	2846	٥	0	0	0	4210
L				7.	INVENTO	RY DATA	(000				
b c d e f	TOTAL ACR. TOVENTORY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GRAND TOT	TOTAL A TION NOT TION REQ TION INC N NEXT TI DEFICIE	YET IN II UESTEU IN LUDED IN I HREE PROGI NCY	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM		· · · · · ·		38,360 5,020 2,100 0 1,450 19,540 66,470		
۔	ATEGORY							C	OST	DESIGN	STATUS
_	CODE	PI TED TN	PROJECT STR SLDG				19,680		2 100	11/88	COMPLETE 01/90
	177.20 AFT	TOTAL	314 5554 .	-DO/V			151000	·	2.100	11,00	0.,50
9	FUTURE PRO	OUECTS:				 					
	A. INCLUDE	ED IN FO	LLOWING PI	ROGRAM							
	B. MAJOR 6 155.20 SM/						1,590	FB	1,450		
10	opera and i equip	n person stional : their ap; oment an	nel in the and taction plied equi d weapons	e technic cal use o ipments,	f soner . and in t	ts of ant and anti- he operat	Submarine ions and	. Warfare	weapons		
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PAGE NO.

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DD FORM 1390 1DEC76

1. COMPONENT	FY 1	19.91 MILITARY CO	NSTRUC	TIO	N PR	OJECT DA		ATE
3. INSTALLATION	ND LOC	ATION	_	4. PR	OJECT	TITLE		
		NE WARFARE TRAINI N_DIEGOCALIFORN		l	PPLI DDIT	ED INSTRU	CTION B	UILDING
5. PROGRAM ELEM		S. CATEGORY CODE	7. PROJEC				ECT COST (\$000)
_0805796N		171.20	P-22				2,100	····
		9. CO	T ESTIMAT	res				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
APPLIED INST	RUCTIO	N BUILDING ADDITION	ON	•	SF	19,680	90.00	1,770
SUPPORTING F	ACILIT	IES		•	- 1	-	-	130
UTILITIES	AND SI	TE IMPROVEMENT .		•	LS	i -	-	(<u>130</u>)
SUBTOTAL		• • • • • • •		•	-	-	i -	1,900
CONTINGENCY		• • • • • • • •		•	-	-	-	90
TOTAL CONTRA			• • •	•	-	-	-	1,990
		CTION & OVERHEAD	(5.5%).	•	-	-	-	110
TOTAL REQUES					_	l - ,	-	2,100
EOOITAMENT DE	OATDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NON-ADD	0)
						1		
	3 (13 2 = -	SED CONSTRUCTION				<u> </u>		<u> </u>
10. DESCRIPTION C	PPROPC	MARU CONSTRUCTION						

One-story steel frame vertical building addition, insulated metal panel walls, reinforced concrete roof, fire protection system, mechanical ventilation, utility connections; relocate existing parapet and roof equipment.

11. REQUIREMENT: 420,910 SF. ADEQUATE: 401,230 SF. SUBSTANDARD: 0 SF. PROJECT: Provides vertical addition to an applied instruction building to house consolidated learning centers and instructor's office spaces. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to accommodate digital electronics training.

CURRENT SITUATION: Digital electronics training is conducted in various buildings in the San Diego complex.

IMPACT IF NOT PROVIDED: Mission requirements of the digital electronics training objectives will not be met, creating a serious deficit in electronics training vital to all advanced surface and sonar systems in the fleet.

(Continued on DD 1391c)

DD: 500% 1391 S/N 0102-LF-001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPO	NENT	7		2. DATE
NAVY			9 MILITARY CONSTRUCTION PROJECT DA	ITA .
3. INSTAL	LATION	AND LOC	ATION	
FLEET	anti-s	UBMARI	NE WARFARE TRAINING CENTER PACIFIC, SAN D	
4. PROJEC	TITLE			, PROJECT NUMBER
APPLIE	D INST	RUCTION	N BUILDING ADDITION	P-228
12. s	UPPLEN	ENTAL I	DATA:	
			design status: (Project design conforms 1190, "Pacility Planning and Design Guide	
	(1)	Stati	us:	
		(a)	Date Design Started	
ĺ			Percent Complete as of January 1990	100
			Date Design 35% Complete	
		(d)	Date Design Complete	<u>1-90</u>
	/21	Basi:		
	(2)			es No X
		(b)	Where Design Was Most Recently Used:	N/A
	(3)	Tota	l cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a)	Production of Plans and Specifications	
			All Other Design Costs	
			Total	
		(a) (e)	In-house	
	(4)	Cons	truction start	11-90 onth and year)
			/11	onch and year)
1	_	-	associated with this project which will iations: None.	be provided
ĺ				
			•	
				_
				,
			·	

1. COMPONENT		FY	1991 MIL	TARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
NAVY										
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND		! !	B. AREA CO COST I	
FLEET COM SAN DIEGO			ER PACIFI	c. 		OF NAVAI		g	1.21	
6. PERSONNEL STRENGTH		PERMANEN'	r		STUDENTS			SUPPORT	ED	TOTAL
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN] '0'2
09/30/88 b. END FY	164	647	329	64	173	0	9	1	0	1387
1994	168	677	342	77	127	0	9	1	٥	1401
			7.	INVENTO	RY DATA ((000)		-		<u></u>
9. FUTURE PRO A. INCLUDE NONE B. MAJOR FOR NONE 10. MISSION OF Provicement opens	TOTAL ASTRONAL TOTAL TO TOTAL TO TOTAL TO TOTAL TO TOTAL TO TOTAL	YET IN II JESTED IN JESTED	THIS PROFESSION OF THE PROFESS	PROGRAM	employment naval w	SCOPE LS 94.F40 9	or is	15,260		
A: POLLUT B: INSTAL	ION ABAT		ON .		<u> </u>	0 0 0				
	-				·	·				
D FORM 1390 1DEC76									PAGE NO.	139

FD FORM 1390 1DEC76

1. COMPONENT	FY 1	9 <u>91</u> MI	LITAR	Y CO	NST	RUC	CTIO	N PRO	DJECT DA		ATE
3. INSTALLATION	ND LOC	ATION					4. PF	TOJECT	TITLE		
FLEET COMBAT	TRAIN	ING CEN	TER PA	ACIFI	c,		В	ACHE	LOR ENLIS	TED QUA	RTERS
SAN DIEGO, C					•		ł		ESS HALL		
S. PROGRAM ELEM		S. CATEG	DRY CO	DE	7. PI	POJE	T NU	MOER	S. PROJ	CT COST	\$000)
0805796N		72	1,11			<u>P-03</u>				14,640	.
				9. CO	57 ES	TIMA	TE8				
	_	ITEM						U/M	QUANTITY	COST	COST (\$000)
BACHELOR ENL	ISTED	QUARTER	S AND	MESS	HAI	ŭĹ.	•	SF	94,840	-	10,110
BACHELOR E	NLISTE	D QUART	ERS .				•	SF	73,500	90.00	(6,620)
MRSS HALL.		• • •					•	SF	18,920	170.00	(3,220)
CORE ADMIN	ISTRAT	ION BUI	LDING					SF	2,420	111.00	(270)
SUPPORTING F	ACILIT	IES						1- 1	_	-	3,110
SPECIAL CO	NSTRUC	TION FE	ATURE:	s				LS	-	-	(250)
ELECTRICAL	UTILI	TIES .						LS	-	-	(680)
MECHANICAL	UTILI	TIES .						LS	_	-	(500)
PAVING AND								LS	_	-	(1,680)
SUBTOTAL								-	_	-	13,220
CONTINGENCY		- • -					•	- '	-	-	660
TOTAL CONTRA								-	-	-	13,880
SUPERVISION,			OVER	HEAD	(5.	5%).	•	-	-	-	760
TOTAL REQUES								-	-	-	14,640
EQUIPMENT PR				APPRO	PRI	ATIC	NS	-	_ (NO	N-ADD)	(0)

Three three-story and two one-story reinforced concrete and masonry buildings, pile foundations, engineered fill, concrete floors and roof panels, built-up roofs, fire protection and alarm systems, ventilation, utilities; 95 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment; kitchen equipment. Grade mix: 197 El-E4, 61 E5-E6, 15 E7-E9. Total: 273.

11. REQUIREMENT: 273 PN. ADEQUATE: 0 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for 273 enlisted students and dining facilities for 685 personnel aboard the base. (Current mission.)
REQUIREMENT: Adequate housing and messing facilities for 21,000 students, whose number is projected to increase to 22,600. This activity and its tenant commands conduct operational, technical, and tactical training.
CURRENT SITUATION: No berthing or messing facilities exist at this activity. Students are currently transported from other activities or from shipboard locations to attend training. These other-base bachelor enlisted quarters will no longer be available to the students after 1989. This loss of housing will require the use of public housing and messing.

(Continued on DD 1391c)

1. COMPONENT			2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D		
J. INSTALLATION	AND LOCATION		
	TRAINING CENTER PACIFIC, SAN DIEGO, CALIFORN		T NUMBER
4. PROJECT TITLE		B. PRC 184	CTNUMBER
BACHELOR EN	LISTED QUARTERS AND MESS HALL		P-033
IMPACT IF N	NGENT: (Continued) <u>OF PROVIDED</u> : Because of the increasing student to use public housing, the inefficient utilize if, and housing and messing funds will impair e illment.	ation o	f time,
12. SUPPLE	ENTAL DATA:		
	cimated design status: (Project design conformation of the conform		art II of
(1)	Status: (a) Date Design Started	• • • • • • •	. 75 . 7-89
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	YesN	No_X
(3.	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs		. (<u>355</u>) . <u>1120</u> . (<u>1065</u>)
(4)	Construction start		2-90 and year)
-	uipment associated with this project which wil. appropriations: None.	l be pr	ovided
	<u>:</u>		

	COMPONENT		FY	1991 MIL	TARY C	ONSTRUC	TION PRO	GRAM		. DATE	
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	1 0		 	. AREA CO	
	NAVAL HOS		RNIA			NAVA	. MEDICAL			COST :	INDEX
	PERSONNEL		PERMANENT	r		STUDENTS			SUPPORTE	:D	T
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	E. ISTED	CIVILIAN	TOTAL
	AS OF 09/30/88	1030	1708	880	0	810	0	0	0	0	4438
ъ.	END FY 1984	1123	1622	890	٥	870	o	0	٥	0	4505
		L		7.	INVENTO	RY DATA ((000)		·	·	
000000	TOTAL ACRI INVENTCRY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GRAND TOT	TOTAL ASTION NOT TION REQUIRED IN THE THE TERM OF THE	YET IN IN JESTED IN LUDED IN I HREE PROGE	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM			:	56,030 22,150 1,500 0 0 0		
ÇA	PROJECTS R ATEGORY CODE 352.10 PAR	REQUESTED	PROJECT				SCOPE LS		05T 0000 1,500	DESIGN START 06/89	STATUS COMPLET 05/90
10.	A. INCLUDE NONE B. MAJOR NONE	PLANNED !									
	heal acti assi thei educ	ide a cor th care : ve huty : gned mil r assigne	mprehensis services i members of itary peri ed, contin	ve range (to astive f other Fo sonnel are ngency, as	duty Na ederal U e proper nd wart:	ency, out vy and Ma niformed : ly traine me duties tudents a	rine Corp Services d for the Conduc	person Ensure perform t approp	nel, and that al' ence of riate	1	

1. COMPONENT	FY 1	19_91 MILITARY CO	NSTRUC	TIOI	V PR	OJECT DA	TA 2. C	ATE
3. INSTALLATION A	ND LOC	ATION		4. PM	OJECT	TITLE		
NAVAL HOSPIT	AL,							
SAN DIEGO, C	ALIFO	RNIA		E	ARKI	NG STRUCT	TURE	
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJEC	TNU	MBER	S. PROJ	ECT COST	\$000)
0807796N		852.10	P-	606			1,500	
		9. COI	T ESTIMAT	TES.				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
PARKING STRU	CTURE.			•	LS	-	-	1,350
STRUCTURE.				•	LS	-	-	(1,300)
UTILITIES,	PAVI	NG AND SITE IMPROV	EMENT .	•	LS	-	-	(<u>50</u>)
SUBTOTAL				•	-	-	-	1,350
Contingency	(5%)			•	-	-	-	<u>70</u>
TOTAL CONTRA	CT COS	3T		•	-	-	-	1,420
SUPERVISION,	INSP	ection & overhead	(5.5%).	•	-	-	-	80
TOTAL REQUES				•	-	_	-	1,500
equipment pr	OVIDE	FROM OTHER APPRO	PRIATIO	NS	-	-	NON-ADI) (0)
i								
		SED CONSTRUCTION				<u> </u>		

Pre-cast and poured-in-place reinforced concrete parking structure, connect to existing structure, alter adjacent surface parking, lighting, drainage, site improvements, signage and marking. Scope approximately 500 spaces.

11. REQUIREMENT: As Required.

PROJECT: Provides multi-level automobile parking structure to accommodate 500 vehicles. (Current mission.)

REQUIREMENT: Adequate parking in proximity of the hospital, out-patient clinics, training buildings, and quarters for 3,000 staff and 1,000 students. The additional parking will also be available for the faculty, out-patients, and visitors.

CURRENT SITUATION: Private vehicles are the most convenient and efficient mode of transportation for commuting to or visiting the hospital. All existing parking spaces are filled during the work day. There is a public parking lot, remote from the hospital grounds, or one can suffer a delay or long waiting periods while awaiting a parking space near the hospital. Many patients and visitors witness lost time and schedule problems. IMPACT IF NOT PROVIDED: Continued delays, lost time, and scheduling problems as eligible beneficiaries, staff, and students will be unable to park nearby to use major hospital assets.

(Continued on DD 1391c)

DD: 500% 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONEN	iT		2. DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	
3. INSTALLA	FION A	AND LOCATION	
NAVAL HO	SPITA	AL, SAN DIEGO, CALIFORNIA	
4. PROJECT T	ITLE	5. PR	OJECT NUMBER
PARKING	STRUC	CTURE	P-606
12. SUP	PLEM	ENTAL DATA:	
a. Military		imated design status: (Project design conforms to dbook 1190, "Facility Planning and Design Guide.")	
 	(1)		
		(a) Date Design Started	40 11-89
i	(2)	Basis:	
	\ ~ /	(a) Standard or Definitive Design: Yes_ (b) Where Design Was Most Recently Used:	No X
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs (c) Total (d) Contract (e) In-house	(<u>35</u>) (<u>35</u>) (<u>90</u>)
	(4)	Construction start(mon	2-91 th and year)
b. from other	_	ipment associated with this project which will be ppropriations: None.	provided

and the second of the second o

1.	COMPONENT		FY	1991 M ILI	ITARY C	ONSTRUC	TION PRO	GRAM	ľ	2. DATE	
3.	INSTALLATIO	N AND LO	CATION			4. COMMAI	VD.			S. AREA C	ONSTR.
	NAVAL OCE SAN DIEGO			•			E AND NAV		RE	1.21	
	PERSONNEL STRENGTH		PERMANEN'	r		STUDENTS			SUPPORT	D	TOTAL
	AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
ъ.	09/30/88 END FY	54	225	2967	٥	10	۰	21	94	792	4163
_	1994	58	235	3167	•	10	0	20	92	824	4406
				7.		RY DATA ((000)				
b.c.d.e.f.	TOTAL ACRI INVENTORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GRAND TOT	TOTAL ASTION NOT FION REGION INC. NEXT TO DEFICIE	YET IN II JESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM				67,500 8,660 11,700 7,700 0 4,500		
CA	TEGORY		PP 0 1507	415. p			****	ç	OST	DESIGN	
	10.23 CD		PROJECT ESEARCH L				\$00PE 267,000		11,700	12/88	COMPLETE 06/90
3	A. INCLUDI 315.20 AN B. MAJOR !	TI-SUB W	ARFARE SY	5 LAB	•		36,000	SF	7,700 7.700		
10.	MISSION OF COmmittee Page 1	R MAJOR Naval Oceand	FUNCTIONS ean System nol, commonses wear	: ms Center unication	s, ocean	principal surveillarine art	ance, sur	face and	air	·	
11.	OUTSTANDI A: POLLU B: INSTA C: OCCUP	TION ABA	TEMENT RESTORATI	DN			10				
				÷		•		•			

1. COMPONENT NAVY	FY 1	9 91 MILITARY CO	NST	RUC	TIO	N PR	OJECT DA		. DATE
3. INSTALLATION	ND LOC	ATION		-	4. PF	OJECT	TITLE		
NAVAL OCEAN S	SYSTEM	S CENTER,			1				
SAN DIEGO, CA	ALIFOR	NIA			C	OMBI	NED RESEA	RCH LA	BORATORY
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PR	OJEC	TNU	MBER	B. FROJ	ECT COS	T (\$000)
0605896N		310.23	P	-09	5		1	1,700	
		9. CO	ST EST	MA	TES				
		ITEM				U/M	QUANTITY	UNIT	COST (\$000)
COMBINED RES	EARCH	LABORATORY			•	SF	267,000	-	9,370
BUILDING .					•	SF	80,000	112.0	(9,000)
TEST POOL.					•	SF	187,000	2.0	00 (370)
SUPPORTING F	ACILIT	IES				-	-	-	1,190
SPECIAL CO	NSTRUC	TION FEATURES			•	LS	-	-	(80)
ELECTRICAL	UTILI	TIES			•	LS	-	-	(530)
MECHANICAL	UTILI	TIES			•	LS	-	-	(230)
PAVING AND	SITE	IMPROVEMENT			•	LS		-	(350)
SUBTOTAL					•	-] -] -	10,560
CONTINGENCY	(5%) .				•	-	-	-	530
TOTAL CONTRA	CT COS	т			•	-	-	-	11,090
SUPERVISION,	Inspe	CTION & OVERHEAD	(5.5	\$ }.] -	-	-	610
TOTAL REQUES!	r				•	-	-	-	11,700
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIA	TIO	NS	-	- (NC	N-ADD)	(0)
10. DESCRIPTION C	FPROPO	SED CONSTRUCTION							

Three-story reinforced concrete frame building, concrete foundation, floor, walls, and roof, engineered fill, utilities, fire protection system, air conditioning; controlled test pool.

11. REQUIREMENT: 559,630 SF. ADEQUATE: 292,630 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs secure integrated multi-use research, development, test and evaluation (RDTaE) facility for development of compartmented hardware programs with product assurance, environmental T&E, and product engineering functions collocated, including the exploitation of foreign materials; provides test pool for exploratory and advanced development of unmanned prototype autonomous undersea vehicles. (Current mission.) REQUIREMENT: Adequate and properly-configured secure laboratory spaces for compartmented programs and the exploitation of acquired foreign materials. Compartmented work will be performed in several of the center's mission areas including Command, Control, Communications (C^3) , Surveillance, ASW, Deep Ocean Engineering, and Intelligence. Basic engineering diciplines of product assurance, environmental T&E, and product engineering are required and will be collocated in this facility to provide these services to the classified hardware programs in an efficient manner before acquisition and introduction into fleet systems. The fundamental purpose is to provide solutions to Naval and Joint Services problems through the generation and application of technology, intelligence related work, foreign material exploitation, and development of prototype equipment in a secure (Continued on DD 1391c)

DD . 598%. 1391 S/N 0102 LF 001-3010

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT D	PATA
3. INSTALLATION	AND LOCATION	
NAVAT. OCEAN	SYSTEMS CENTER, SAN DIEGO, CALIFORNIA	
4. PROJECT TITLE	SISIEMS CENIER, SAN DIEGO, CADIFORNIA	S. PROJECT NUMBER
COMBINED RES	EARCH LABORATORY	P-095
test pool is vehicles for CURRENT SITU classified of exploitation RDTaE activity performing including C3 electronics and will incomperform the exist. The functionally facilities a manhours lost facilities a technical ennot kept paccompartmente old and marghigh cost to security com IMPACT IF NO initial oper thrust in RD element to tattainable. Not be achied. 12. SUPPLEM a. Est	In the Ocean Engineering area, a controlled needed to develop the unmanned prototype autifuture ASW Special Projects. [ATION: A large percentage of this center's with momental programs that are critical to the of intelligence. NOSC is pre-eminent in intities for the Navy and the intelligence communitaties for the Navy and the intelligence communitaties for the Navy and the intelligence communitation of the intelligence related work in each area of their programs technology which is 18 percent of their programs areas to 27 percent by 1993. Secure laborato compartmented programs workload assigned this existing facilities are inadequate, out-dated very limited and non-existent for many functive scattered throughout the activity, resultive because of excessive transportation of equite aged, generally designed for other uses, a vironmental limitations. The development of with the increasing funding levels associated programs. In an interim measure, as programinally adequate structures must be modified at the specific project involved. The resultant promise has become high. The PROVIDED: Added, unnecessary costs, and majusting capability for compartmented programs with the for autonomous undersea surveillance devite ASW mission will be greatly impeded and verally the ASW mission will be greatly impeded and verally execution of expanding classified ved. ENTAL DATA: imated design status: (Project design confordbook 1190, "Facility Planning and Design Guidentals: imated design status: (Project design confordbook 1190, "Facility Planning and Design Guidentals:	onomous undersea ork is in highly e collection and elligence-related ity. NOSC is r expertise e science, and am dollars today ry facilities to center do not , technically and ions. These ng in economic pment. These nd have inherent facilities has ed with ms are taken on, nd refurbished at t risk of or delays to the ill result. The ces as a key ry possibly not programs will ms to Part II of de.")
	(a) Date Design Started	
	(c) Date Design 35% Complete	
	(d) Date Design Complete	6-90
121		,
(2)	Basis: (a) -Standard or Definitive Design:	Vac Na v
	(b) Where Design Was Most Recently Used: (Continued	Yes No X N/A on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJE	CT DATA
3. INSTALLATION	ND LOCATION	
NAVAL OCEAN	SYSTEMS CENTER, SAN DIEGO, CALIFORNIA	
4. PROJECT TITLE		S, PROJECT NUMBER
COMBINED RES	EARCH LABORATORY	P-095
12. SUPPLEM	ENTAL DATA: (Continued)	
(3)	Total cost (c) = (a) + (b) or (d) + (e) (a) Production of Plans and Specificat (b) All Other Design Costs	(490) (190) (680)
(4)	Construction start	(month and year)
Low Schel d	ppropriations: None.	

DD 1 DEC 74 1391C

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

1.	COMPONENT									2. DATE	
	NAVY		FY ·	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM			_
3.	INSTALLATIO	N AND LO	CATION	_		4. COMMAI	VO			5. AREA	CONSTR.
	NAVAL STAT		RNIA				ANDER IN C	HIEF,		1.21	
6.	PERSONNEL		PERMANENT	r	· · · · · · · · · · · · · · · · · · ·	STUDENTS			SUPPOR	TED	
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	EMLISTE	D CIVILIA	TOTAL
	. AS OF 09/30/88 . END FY	2768	34044	3013	221	4882	0	226	41	7 0	45571
֡֡֡֞֞֩֩֡֡֡֡֡֩֜֜֡֡	1994	2271	30629	3013	290	5166	0	179	140	1 0	42949
				7.	INVENTO	RY DATA ((000				
	. TOTAL ACRI . INVENTORY . AUTHORIZAT . AUTHORIZAT . PLANNED IN . REMAINING . GRAND TOT . PROJECTS R	TOTAL ASTION NOT TION REOF TION INC. NEXT TO DEFICIE!	VET IN IS JESTED IN LUDED IN I HREE PROGI	THIS PROF THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM			2	07,010 56,140 8,430 13,920 0 70,420 55,920		
	ATEGORY							ç	OST		N STATUS
-	730.15 BR		PROJECT	TITLE			\$COPE 48,250 S			<u>START</u> 04/87	COMPLETE 01/90
İ		TOTAL							8,430		
9		ED IN FJI ETHING PE ES HALL A	ER EXPANS	SION			126,000 5 380 F	5F PN	12.900 1.020 13.920		
	auxi1 faci1	ide home; liaries (lities, (ning, me:	oort facility the Pac exchange. ssing, mor	lities for cific fleo personne rale, and	et. Pro 1 support other 1	os, amphili vide harbi t, athlet ogistics	or and was ic, recrea	terfront stions:			
''	A: POLLUT B: INSTAL C: OCCUPA	ION ABA	TEMENT RESTORATIO	ON .	. =	6,60 11,4	50				
	•										
	•										

1. COMPONENT	FY	19.91 MILITARY CO	NSTRUC	TIOI	N PR	DJECT DA		ATE
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TITLE		
NAVAL STATIO	R,							
SAN DIEGO, CI	ALIFOR	NIA		В	RIG			
5. PROGRAM ELEM		S. CATEGORY CODE	7. PROJEC			S. PROJ	ECT COST (\$000)
0204796N		730.15	P-224	<u>. </u>			8,430	
		9. CO	ST ESTIMAT	res				
		ITEM			U/M	QUANTITY	UNIT	COST (8000)
ELECTRICAL MECHANICAL PAVING AND SUBTOTAL CONTINGENCY TOTAL CONTRA SUPERVISION, TOTAL REQUES: EQUIPMENT PRO	NSTRUC UTILI UTILI SITE (5%) CT COS INSPE F	TION FEATURES. TIES TIES IMPROVEMENT, DEMO T CTION & OVERHEAD FROM OTHER APPRO		•	SF LS LS LS LS LS LS LS LS LS LS LS LS LS	48,250 (NO	125.60 - - - - - - N-ADD)	6,030 1,580 (200) (350) (220) (810) 7,610 380 7,990 440 8,430 (0)
10. DESCRIPTION C	FPROP	SED CONSTRUCTION			 -		<u> — </u>	L

Three-story reinforced concrete frame building, concrete foundation and floors, masonry walls, precast concrete roof deck, engineered fill; includes dormitories, cells, processing and exam rooms, administration, counseling, multi-purpose room with food service line; emergency generator; fire protection system, air conditioning, utilities; demolition of three buildings.

11. REQUIREMENT: 50,260 SF. ADEQUATE: 2,010 SF. SUBSTANDARD: 0 SF. PROJECT: Provides brig facilities meeting current criteria for this function and security. The brig will be sized to accommodate 125 persons. (Current mission.)

REQUIREMENT: An adequate brig in the San Diego area to hold prisoners awaiting trial and those with a minor sentence of up to 30 days. The offenders and accused are Navy personnel from both ships and shore activities and from the coastal area.

CURRENT SITUATION: Existing brig facilities, in three buildings, are undersized, a fire hazard, and limited in service, exercise and work areas. Building configuration is inadequate from a security point, and there are no messing facilities.

IMPACT IF NOT PROVIDED: Continue to operate under current conditions, but will not be able to provide prisoners with accommodations required by Navy standards. The activity will be unable to provide naval units in the area with brig support. Lack of adequate facilities will cause morale and discipline problems. (Continued on DD 1391c)

I. COMP	ONE "	- 1		A3	2. DATE
NAVY		- 1	FY	19 <u>91</u> MILITARY CONSTRUCTION PROJECT DA	TA
		ION A	ND LOC	CATION	
			N, SAI	N DIEGO, CALIFORNIA	
4. PROJ	ECT T	TLE		1 5.	PROJECT NUMBER
BRIG					P-224
12.	SUP	PLEMI	ENTAL	DATA:	
	a.	Est:	imated	d design status: (Project design conforms	to Part II of
Mili	tary			1190, "Facility Planning and Design Guide	
				· ·	
		(1)	Stat	tus: Date Design Started	4-87
			(b)		
			(c)	Date Design 35% Complete	10-87
			(d)	Date Design Complete	1-90
		(2)	Basi	ier	
		\-/	(a)		es No X
			(b)	-	N/A
		(3)	Tota	al cost (c) = (a) + (b) or (d) + (e):	(\$ 000)
			(a)	Production of Plans and Specifications	
			(b)	•	
			(d)		
			(e)	In-house	(
		(4)	Cont	Thrushian about	13-00
		(*)	COM	struction start	11-90 onth and year)
				,	
_	b.	_		t associated with this project which will	be provided
from	othe	er ag	ppropi	riations: None.	
		•			
				•	
					,

1. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
3. INSTALLATIO	ON AND LO	CATION			4. COMMA	ND			5. AREA C	
NAVAL SUB San Diego						ANDER IN O	CHIEF,		1.21	INDEX
6. PERSONNEL		PERMANEN'			STUDENTS			SUPPORT	ED	T
STRENGTH	OFFICER	ENLISTED		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		TOTAL
8. AS OF 08/30/88 b. END FY	504	5776	69	38	96	0	•	605	3 0	7096
1994	479	5784	69	23	81	0	8	49	• 0	6493
			7.	INVENTO	RY DATA	\$000)				
b. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TOT	TION NOT TION REOU TION INCO N NEXT TO DEFICIENTAL	YET IN II UESTED IN LUDED IN I HREE PROGI	VVENTORY, THIS PRO- FOLLOWING RAM YEARS	GRAM PROGRAM				57,900 30,490 16,110 4,200 16,730 45,320 70,750		
CATEGORY								OST		STATUS
721.12 BA	CHELOR E	PROJECT NLISTED OF				114,770		15,670	START 05/87	COMPLETE 06/90
	LY WASTE		JARIERS			LS		440 16,110	09/88	06/89
9. FUTURE PR	OJECTS:									
A. INCLUD 213.77 SH 812.30 PO		S STRG FA				18.100 : LS	\$F 	1,700 2,500 4,200		
	ALL ARMS	RANGE NLISTED QI				LS 82.000 10,440		630 11,200 1,900		
	ide logi: hing, me:	Stic Supp	ort for s			re activi				
		e Tenders e Squadro				r, Submar r, Submar One				
11. QUTSTANDI A: POLLU B: INSTA C: OCCUP	TION ABA	TEMENT Restoratio	ON			00) 10 00 0				

1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION A PROJECT TITLE NAVAL SUBMARINE BASE, BACHELOR ENLISTED QUARTERS SAN DIEGO, CALIFORNIA 6. CATEGORY CODE 7. PROJECT NUMBER S. PROJECT COST (SOCO) S. PROGRAM ELEMENT 721.12 P-048 15,670 0204896N S. COST ESTIMATES ITEM U/M QUANTITY SF 114,770 12,070 BACHELOR ENLISTED QUARTERS SF 114,770 70.00 (8,000) (3,060) VEHICLE PARKING BUILDING LS LS (1,010) -2,070 SPECIAL CONSTRUCTION FEATURES. LS (1,080) LS 570) PAVING AND SITE IMPROVEMENT, DEMOLITION. . LS 420) 14,140 710 14.850 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 820 15,670 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) 10. DESCRIPTION OF PROPOSED CONSTRUCTION Eight-story reinforced concrete and masonry building, pile foundation, concrete floors, built-up roof, fire protection system, elevators, utilities; 140 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment; three-story reinforced concrete vehicle parking building designed for 248 cars with expansion capability; 10-lane bowling center; demolition of one building. Grade mix: 280 E5-E6. Total: 280. 11. REQUIREMENT: 1,777 PN. ADEQUATE: 1,383 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for 280 enlisted personnel. REQUIREMENT: Adequate housing for 1,777 enlisted personnel either assigned to this activity, stationed aboard submarines homeported here, or at tenant commands. CURRENT SITUATION: Existing adequate berthing capacity of 1,383 spaces including 1,093 adequate spaces on base, accommodations found by 95 personnel in the local community, and 195 spaces funded in the FY 1987 Military Construction Program, is insufficient, resulting in overcrowding. A new construction deficiency of 394 adequate billeting spaces exists. After construction of the spaces requested by this project the remaining projected space deficit which has increased because of a steady increase in submarine homeporting requirements, will be satisfied by a follow-on project currently proposed for FY 1992. All projected space requirements are revalidated annually by a new survey, which updates planning projections. (Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 19_91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
NAVAL SUBMA	RINE BASE, SAN DIEGO, CALIFORNIA	
4. PROJECT TITLE		S. PROJECT NUMBER
BACHELOR EN	LISTED QUARTERS	P-048
IMPACT IF N continue. of adequacy sometimes e affordable situation a	EMENT: (Continued) OT PROVIDED: Overcrowding of adequate facilit Personnel will be berthed in facilities below to personnel will be berthed in facilities below to personnel will be berthed in facilities below to personnel will be been because of the second of the second in this expensive San Diego retirement diversely affects morale and retention, and making difficult.	minimum standards ons that hortage of area. This
12. SUPPLE	MENTAL DATA:	
	timated design status: (Project design confor ndbook 1190, "Facility Planning and Design Gui	
(1)	Status: (a) Date Design Started (b) Percent Complete as of January 1990 (c) Date Design 35% Complete (d) Date Design Complete	<u>50</u> <u>12-87</u>
(2)) Basin: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X
(3	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>200</u>) (<u>800</u> (<u>730</u>)
(4	Construction start	11-90 (month and year)
	uipment associated with this project which wil appropriations: None.	l be provided
		-

1. COMPONENT		FY,	1991 MIL	ITARY C	ONSTRUCT	non Pro	GRAM		2. DATE	
3. INSTALLATIO	IN AND LO	CATION			4. COMMAN	0			S. AREA C	
NAVY 3. INSTALLATION AND LOCATION NAVAL SUPPLY CENTER, SAN DIEGO, CALIFORNIA 6. PERSONNEL STRENGTH a. AS OF O9/30/88 38 4 1425 0 0 48 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0					I TOPE A					
								SUPPOR	TED	
	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	D CIVILIAN	TOTAL
09/30/88	35	4	1425	0	0	45	0	1	0 0	1509
	37	5	1425	0	0	45	۰	(0	1512
			7.	INVENTO	RY DATA IS	000)				
D. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOI	TOTAL A: TION NOT TION REQ TION INC N NEXT TO DEFICIE	YET IN II JESTED IN LUDED IN HREE PROG NCY.	VVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM				13,000 6,340 0 1,900 5,350		
CATEGORY								COST	DESIGN	STATUS
							_	6.340		COMPLETE 01/90
10. MISSION OF Provactive for open facilities.	R MAJOR ides supplye and reports Defice and the transmill ates a pellittes at	FUNCTIONS DIV and subserve file prise Supp a Coast G coment of principle of the comment of the c	upport se set units ly Agency sard. A in Department aboratory scting pi	, and the function marine te to Defe y and mai peline fo	Military ns for ove prminal is nse ocean intains an	Marine (Sealift rseas an operate cargo. d operat	Corps Ac Command d CONUS d and Ma The cen	tivitie: fleet intaine: ter	d	
A: POLLU' B: INSTAI	TION ABA	PESTORATIO	DN .		41 13,90	<u> </u>				
C: OCCUPA	ATIONAL S	SAFETY AN	HEALTH	(OSH) :	2,20	•	•			

1. COMPONENT FY	19_91_MILITARY CO	NSTRUC	TION PR	OJECT DA	TA 2. (DATE
3. INSTALLATION AND LOC NAVAL SUPPLY CENTE SAN DIEGO, CALIFOR	R,		4. PROJECT	STORAGE W	ARRHOUS	:R
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	THUMBER		ECT COST	
0702896N	431.10	P-086	5	6,	340	
	9. CO	ST ESTIMAT	TES:			
·	ITEM		U/M	QUANTITY	UNIT	COST (8050)
BUILDING	ENT PIES. CTION FEATURES. IMPROVEMENT. ST. SCTION & OVERUEAD	(5.5%).	. -	-		5,080 (4,260) (820) 650 (90) (210) (350) 5,730 280 6,010 330 6,340

11. ROUIREMENT:

One-story steel frame building, pile foundation, concrete floor, masonry walls, built-up roof, 46-foot high stacking height, central refrigeration system, air conditioning system, emergency electric power system, fire protection system, utilities.

PROJECT: Constructs a cold storage warehouse. (Current mission.) REQUIREMENT: An adequate and energy efficient cold storage warehouse for frozen and chilled food products that are issued to fleet units and shore stations in the San Diego and Long Beach areas. CURRENT SITUATION: The existing cold storage warehouse is a converted general warehouse constructed in 1954 and not designed to house frozen and chilled foods. It is only large enough to store a 23-day stock level instead of the required 45-day supply. As a result of moisture infiltration into the insulation, the ceiling collapsed in 1978 requiring extensive and costly repairs. There is evidence that additional repairs will be necessary in the near future. This storage location is six miles from the primary fleet customers at the Naval Station, resulting in inefficient and

34,920 SF. ADEQUATE: 0 SF. SUBSTANDARD:

required for construction of a high-rise, multiple use office building as part of the Navy's Broadway Redevelopment Project.

(Continued on DD 1391c)

costly operations. Also, the existing warehouse is located on a site

1. COMPONENT			1	2. DATE
	FY 1	9 $rac{91}{2}$ MILITARY CONSTRUCTION PROJECT DA	TA	
NAVY				
3. INSTALLATION	AND LOC	ATION .		
NAVAL SUPPL	y cente	R, SAN DIEGO, CALIFORNIA		
4. PROJECT TITLE		5	PROJE	CT NUMBER
COLD STORAG	e Wareh	OUSE		P-086
11. REQUIR	EMENT:	(Continued)		
		VIDED: Because there is no cold storage :	facil	itv
		Diego, it will be necessary for the Navy		
		Of miles away. Solicitation for leased s		
Diego expir	ed with	out any bidder response. A portion of the	he Na	vy's
Broadway Re	develor	ment Project for San Diego will be delay	ed un	til the
cold storag	e funct	ion can be relocated from the Broadway Co	ompou	nd.
12. SUPPLE	MENTAL	DATA:		
d. Es	timated	design status: {Project design conform	e to 1	Part II of
		1190, "Facility Planning and Design Guide		Part II Of
WILLIAMIN NO		tivo, radiity riaming and besign data	·· ,	
(1) Stat	us:	•	
	(a)	Date Design Started		11-88
	(b)	Percent Complete as of January 1990		100
	(c)		• • • • •	5-89
•	(a)	Date Design Complete	• • • • •	1-90
43				
(2	•	T T	W	
	(a) (b)	Standard or Definitive Design: Where Design Was Most Recently Used:	Yes	NoX N/A
	(5)	where besign was most Recently osed:		
(3) Tota	al cost (c) = (a) + (b) or (d) + (e):		(<u>\$000</u>)
	(a)	Production of Plans and Specifications.		
	(b)			
	(c)	Total		
	(d)	Contract		· · · · · · · · · · · · · · · · · · ·
	(e)	In-house	••••	(45_)
(4) Cons	struction start		11-90
, -	• • • • • • • • • • • • • • • • • • • •	-		and year)
		•		
b. Eq	uipment	associated with this project which will	be p	rovided
from other	appropr	:iations: None.		

a. TOTAL ACREAGE b. INVENTORY TOTA	PERMANEN	T			F OF NAVAL			COST I	NDEX
PERSONNEL STRENGTH OFFI a. AS OF O9/30/88 b. END FY 1994 1 c. TOTAL ACREAGE b. INVENTORY TOTAL	PERMANEN CER ENLISTED							1.21	
STRENGTH a. AS OF	ER ENLISTED						SUPPORTE		Γ
O9/30/88 1 b. END FY 1994 1 c. TOTAL ACREAGE b. INVENTORY TOTAL	59 1589		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. TOTAL ACREAGE b. INVENTORY TOTA	1	421	42	11665	0	0	252	0	1412
b. INVENTORY TOTA	59 1688	421	56	12124		0	254	0	1470
b. INVENTORY TOTA		7.	INVENTO	RY DATA ((000	L	·		<u></u>
b. INVENTORY TOTA			(546)	 _			 -	
c. AUTHORIZATION d. AUTHORIZATION e. AUTHORIZATION f. PLANNED IN NEX g. REMAINING DEFI h. GRAND TOTAL	NOT YET IN I REQUESTED IN INCLUDED IN T THREE PROG CIENCY	NVENTORY. THIS PRO FOLLOWING RAM YEARS	GRAM PROGRAM				79,910 17,900 11,950 22,900 27,590 29,400 89,650		
8. PROJECTS REQUE:	STED IN THIS	PROGRAM:				•	ost	DESIGN S	PT A T LIP
CODE		TITLE			SCOPE		0001	START	COMPLE
171.50 SMALL A 721.14 BARRACK	RMS RANGE S				33,200 : 44,720 :		4,000 5,600		01/90 01/90
740.74 CHILD C	ARE CENTER L				20,400		2,350 11,950	11/88	01/90
9. FUTURE PROJECT	S :			 					
A. INCLUDED IN	FOLLOWING P				62,090	e E	8,700		
721.11 BARRACK	S	46411				PN	14,200 22,900		
_					•		22.500		
B. MAJOR PLANN 171.10 APPRENT	ICE TRNG BLD	G			55,670		6,190		
	AND RECRUIT OTECTION SYS				33.290 75,000		5.500 560		
•									
primary.	OR FUNCTIONS BS1C indoctr advanced, an of the regu	ination (ized tra	ining for	officer				
1. OUTSTANDING PO		SAFETY DE	FICIENCI		<u>∞</u>) 70				
B: INSTALLATI C: OCCUPATION	ON RESTORATI AL SAFETY AN		(OSH):	5,1	30				
	 	- •	. = • -		•				

1. COMPONENT NAVY			MILITA	ARY	င၁	NS	TR	UC	TIC	ON PR	OJECT DA	TA	2. D/	ATE	
3. INSTALLATION	ND LOC	ATION							4. P	ROJEC1	TITLE				
NAVAL TRAINI	NG CEN	TER,													
SAN DIEGO, C	ALIFOR	<u>NIA</u>								BARRA	CKS				
S. PROGRAM ELEM	ENT	6. CAT	EGORY	ODE		7.	PRO	JEC	TN	JMBER	8. PROJ	ECT CC	ST (8	000)	
0805796N		L	721.14			乚		19				5,60	0		
				₩.	CO	ST (STI	MAT	TES.						
		iTi	EM							U/M	QUANTITY	UNI)ST)00)
BARRACKS		• •	• • •	• •	$\overline{\cdot}$	•		•	•	SF	44,720	-		4,	,200
BERTHING S	PACE .									SP	41,580	92	.00	(3,	,820)
SUPPORT SP	ACE									SF	3,140	120	.00	(380)
SUPPORTING F	ACILIT	IES.			•					1 -	_	-	- 1		860
SPECIAL CO	NSTRUC	TION	FEATUR	ES.						LS	-	-	ļ	(400)
ELECTRICAL	UTILI	TIES							•	LS	-	-		(60)
MECHANICAL	UTILI	TIES								LS	–	-	ı	(100)
PAVING AND	SITE	IMPRO	WEMEN!	٠						LS	-	-		(300)
SUBTOTAL										-	-	-	ŀ	5,	,060
CONTINGENCY	(5%) .									-	_	-			250
TOTAL CONTRA	CT COS	т								-	-	-		5,	,310
SUPERVISION,	INSPE	CTION	E OVE	RHE	λD	(5	. 51	i) .		-	-	-			290
TOTAL REQUES	r									-	-	-	- 1	5,	,600
EQUIPMENT PR	OVIDED	FROM	OTHER	AP.	PRC	PR	IAI	'IO	NS	-	- (196	DA-NC	D)	(0)

One-story core building with spread footing foundation, two three-story dormitory buildings with pile foundations, concrete floors and roofs, masonry walls, reinforced concrete frames, mission clay roofing tile, fire protection system, mechanical ventilation, utilities; semi-open-bay living compartments concept.

Grade mix: 360 El-E4. Total: 360.

11. REQUIREMENT: 3,392 PN. ADEQUATE: 2,792 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for 360 enlisted students assigned to Navy basic "A" schools. (Current mission.)

REQUIREMENT: Adequate housing for 3,392 "A" school students who are either undergoing basic skill training after completion of recruit training or are upgrading basic skill training requirements.

CURRENT SITUATION: Berthing capacity of 2,792 spaces exists on base. A new construction deficiency of 600 adequate billeting spaces exists for "A" school students. After construction of the spaces requested by this project, the remaining projected space deficit will be satisfied by a follow-on project currently proposed for Fiscal Year 1992. All projected space requirements are revalidated annually by a new survey, which updates planning projections.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	PATA 2. DATE
3. INSTALLATION	AND LOCATION	
	ng Center, San Diego, California	
4. PROJECT TITLE		S. PROJECT NUMBER
BARRACKS		P-191
IMPACT IF NO will continu standards of reention eff	MENT: (Continued) T PROVIDED: Overcrowding of adequate student e, with some students housed in facilities beliadequacy to the detriment of morale, training orts. "A" school students are not eligible for civil	low the minimum g, and car se r
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design conformated design status: (Project design conformated design Guide)	
(1)	Status: (a) Date Design Started (b) Percent Complete as of January 1990 (c) Date Design 35% Complete (d) Date Design Complete	
(2)		
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	YesNo_X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>105</u>) (<u>380</u> (<u>340</u>)
(4)	•	12-90 (month and year)
_	ripment associated with this project which wil.	l be provided
	•	,

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT NAVY	19_91 MILITARY CC	NSTRUC	TION	PRO	JECT DA	TA 2. 0	ATE
. INSTALLATION AND L	OCATION		4. PRO	NECT 1	ITLE		
NAVAL TRAINING C	enter,						
SAN DIEGO, CALIF	ORNIA		CH	ILD (CARE CEN	TER	
6. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNUM	BER	B. PROJ	ECT COST (5000)
0805796N	740.74	P-34	9			2,350	
	9. CO	SY ESTIMAT	res				
	ITEM			U/M C	PUANTITY	UNIT	COST (\$000)
CHILD CARE CENTE	R		$\overline{\cdot}$	SF	20,400	88.00	1,800
SUPPORTING FACIL	ITIES		.]	-	-	-	320
ELECTRICAL UTI	LITIES		.	LS	-	-	(.140)
MECHANICAL UTI	LITIES		. 1	LS	-	-	(50)
PAVING AND SIT	E IMPROVEMENT		.	LS	_	-	(_130)
SUBTOTAL			.	-	-	-	2,120
CONTINGENCY (5%)			.	-	-	-	110
TOTAL CONTRACT C	OST		.	- [-	-	2,230
SUPERVISION, INS	PECTION & OVERHEAD	(5.5%).	.	-	-	-	120
TOTAL REQUEST			. 1	-	-	-	2,350
EQUIPMENT PROVID	ed from other appro	PRIATIO	NS	-	- (NC	N-ADD)	(0)
O. DESCRIPTION OF PAC	POSED CONSTRUCTION						L

One-story masonry building, concrete foundation and floor, metal roof deck with clay tile roof, roads, outdoor playground area, fencing, fire protection system, ventilation, utilities.

11. REQUIREMENT: 20,400 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a child care center to accommodate school and pre-school age children and infants. (Current mission.) REQUIREMENT: A child care center provides supervised care for infants, pre-school , and school age children in a common facility, on a regularly scheduled or drop-in basis, when parents are employed or at times when the family is temporarily unable to hare for them. Child care centers are a necessary element in today's en ironment as their availability alleviates many problems incurred by military parents who are single, both working, or with other special needs. These centers make the quality of life more appealing to military personnel and their dependents. CURRENT SITUATION: The child care function is presently being accomplished in a facility which offers insufficient capacity to care for the desired number of children. The existing facility not only lacks enough spatial capacity to accommodate the physical needs, but also the building is located directly under the San Diego International Airport's flight path, and is adjacent to the main entry and the golf course. This building location produces a set of hazardous conditions for the children and the staff of the center.

(Continued on DD 1391c)

	والمراجعين والمساوين والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع والمراجع	
1. COMPONENT	FY 19_91_MILITARY CONSTRUCTION PROJECT D	PATA 2. DATE
1. INSTALLATION	AND LOCATION	
	NG CENTER, SAN DIEGO, CALIFORNIA	
4. PROJECT TITLE		S, PROJECT NUMBER
CHILD CARE C	ENTER	P-349
in an inadeq	MENT: (Continued) T PROVIDED: Child care service will continue uate facility which offers very poor safety, a ronments for the children and the staff of the	accoustical, and
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design conford dbook 1190, "Facility Planning and Design Guid	
(1)	Status: (a) Date Design Started(b) Percent Complete as of January 1990 (c) Date Design 35% Complete(d) Date Design Complete	<u>100</u> <u>5-89</u>
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>75</u>) (<u>195</u> (<u>60</u>)
(4)		1-91 (month and year)
•	ipment associated with this project which wil ppropriations: None.	•

DD : FORM 13916

RAVY FY 19.91 MILITARY CONSTRUCT						N PR	OJE	CT DA	TA	2. D/	TE	
3. INSTALLATION AND	LOC	ATION			4. PI	HOJECT	TIT	LE				
NAVAL TRAINING	CEN	TER,			ĺ							
SAN DIEGO, CALI	FOR	NIA			5	MALL	AR	45 RAM	GE _			
6. PROGRAM ELEMENT		6. CATEGORY CODE	7. PI	OUE	ET NU	MBER		S. PROJ	ECT CC	36T (\$	000)	
0805796N		171.50	,	P-34	7_				4,00	0		
		9. CO	T RE	THAA	TES							
	-	ITEM				U/M	QU/	NTITY	COL			08T
SMALL ARMS RANG	E .		$\overline{\cdot}$		$\overline{\cdot}$	SP	3:	3,200	-	\neg	2	,910
INDOOR ARMS R	ANG	2.			•	SF	20	0,700	69	.00	(1	,430)
ARMORY					•	SF	١.	4,500	122	.00	(550)
INSTRUCTION A	ND .	ADMINISTRATION .				SF	1	B,000	116	.00	(930)
SUPPORTING FACI	LIT	IES			•	-		-	-	- 1		700
SPECIAL CONST	RUC	tion features			•	LS		-	-		(90)
ELECTRICAL UT	ILI	TIES	• •		•	LS	[-	-	- [(180)
MECHANICAL UT	ILI	TIES	• •	• •	•	LS		-	-	- 1	(150)
PAVING AND SI	TE	IMPROVEMENT		• •	•	LS		-	-	- 1	7	280)
SUBTOTAL	• •		• •	• •	•	-	1	-	-	- 1	3	,610
CONTINGENCY (5%			• •	• •	•	j -		-] -	j	-	180
TOTAL CONTRACT			• •	• •	•	-		-	-	I	3	,790
		CTION & OVERHEAD	٠,٠	58).	•	-	ļ	-	_		÷	210
TOTAL REQUEST.				• •	•] -		-	l. -	_,	. 4	,000
EQUIPMENT PROVI	DED	FROM OTHER APPRO	ŀ.	TIC	MS	-	1	- (100	N-AD	(O)	(0)

One-story reinforced concrete and masonry building, pile foundation, concrete floor, built-up roofing over concrete filled metal decking, fire protection systems, utilities, special range ventilation, target retrieval and bullet trap system, accoustical system; perimeter patrol road, security lighting.

11. REQUIREMENT: 33,200 SF. ADEQUATE: 0 SF. SUBSTANDARD: PROJECT: Provides an indoor small arms range. (Current mission.) REQUIREMENT: Adequate and properly-configured facilities to support accurate hands-on training in the use of small arms and to house classrooms and instructional devices. Facilities must be designed and sited for efficient operation at a location near the Recruit Training Command and beyond the boundaries of the airfield flight zone. CURRENT SITUATION: Facilities presently housing the small arms range, weapons and ammunition storage, and related support activities are located under the flight path of Lindbergh Field, a busy municipal airport. The location of this range, ammunition, and explosives in an airfield flight zone is in violation of regulations. The location is distant from the Recruit Training Command requiring recruits to march more than a mile each way to receive small arms training. Theoretical instruction is currently given at the firing range, using bleachers set-up in the center of the range area. Armory and magazines used twice daily are remotely located

(Continued on DD 1391c)

S/N 0102-LF-001-3010

			IZ. DATE
NAVY		FY 19MILITARY CONSTRUCTION PROJECT D	1
3. INSTALLAT	ION AN	DLOCATION	<u> </u>
		CENTER, SAN DIEGO, CALIFORNIA	
4. PROJECT TI	TLE		S. PROJECT NUMBER
SMALL ARM	S RAN	GE .	P-347
CURRENT S from the of use. consisten IMPACT IF violation travel ti existing effective 12. SUPP	range Exist t nee NOT s of me, a instr ness	NT: (Continued) TON: (Continued) Sanitary waste facilities are undersized ing buildings are approximately 60 years old of repair and upgrading. PROVIDED: The current marginal safety level Naval and FAA regulations will continue. Exind inappropriate size, configuration and correctional facilities will continue to impede of recruit training. TAL DATA: Hated design status: (Project design conformated design status: (Project design status)	d and in I resulting from Excessive recruit Indition of the
		cook 1190, "Facility Planning and Design Guid	
,		Status: (a) Date Design Started	<u>11-88</u> <u>100</u> <u>5-89</u>
	(2)	Basis:	
	(2)	(a) Standard or Definitive Design:	Yes No X
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a) Production of Plans and Specifications (b) All Other Design Costs	(<u>150</u>) <u>350</u> (<u>305</u>)
	(4)	Construction start	11-90 (month and year)
		ment associated with this project which will propriations: None.	l be provided

12. DATE 1. COMPONENT FY 1991 MILITARY CONSTRUCTION PROGRAM MAVV 4. COMMAND IS. AREA CONSTR. 3. INSTALLATION AND LOCATION COST INDEX NAVY PUBLIC WORKS CENTER. NAVAL FACILITIES SAN DIEGO, CALIFORNIA ENGINEER ING COMMAND 1.21 6. PERSONNEL STRENGTH TOTAL SHLISTED CIVILIAN OFFICER **SPAISTED** CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER a. AS OF 08/30/83 b. END FY 2253 16 2232 ٥ ٥ ٥ 1994 5 2022 0 0 0 0 0 0 2042 7. INVENTORY DATA (\$000) (2,003) TOTAL ACREAGE a. TOTAL ACREAGE

b. INVENTORY TOTAL AS OF 30 SEP 88 .
c. AUTHORIZATION NOT YET IN INVENTORY .
d. AUTHORIZATION REQUESTED IN THIS PROGRAM .
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM .
f. PLANNED IN NEXT THREE PROGRAM YEARS .
g. REMAINING DEFICIENCY . 307,740 19.850 23.240 16.250 h, GRAND TOTAL 435,570 8. PROJECTS REQUESTED IN THIS PROGRAM: CODE DESIGN STATUS COMPLETE PROJECT TITLE SCOPE 1\$000 START PUBLIC WORKS SHOPS 71.090 SF 8.900 11/88 01/90 219.10 ELECTR DISTR SYS UPGRD STEAM DISTR SYS IMPROVS LS 812.30 9,000 05/89 11/90 3,300 11/88 01/90 822.12 TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 214.20 AUTO VEH MAINT/HOLD SHED 812.30 ELEC DISTRIBUTION SYSTEM 54.280 SF 9,240 14,000 LS TOTAL B. MAJOR PLANNED NEXT THREE YEARS: 441.30 HAZ/FLAMMABLE WAREHOUSE 812.30 ELECTR DISTR SYSTEM IMPVS 1,950 10. MISSION OR MAJOR FUNCTIONS:
Provide public works, utilities, housing, transportation support, engineering services, shore facilities planning support and all other logistic support of a public works nature incident thereto, required by the operating forces, shore activities and other commands served by the public works center. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:

A: POLLUTION ABATEMENT

B: INSTALLATION RESTORATION

C: UCCUPATIONAL SAFETY AND HEALTH (DSH): (<u>\$000</u>) 5,140 350 ٥

PAGE NO.

DD FORM 1390 1DEC76

1

1 COMPONENT	FY 19.91 MILITARY CONSTRUCTION PROJECT DATA						ATE
3. INSTALLATION (NAVY PUBLIC (SAN DINGO, C	HORKS (CENTER,			TTITLE RICAL DIS N UPGRADE		Ж
B. PROGRAM ELEM		S. CATEGORY CODE	7. PROJEC	THUMBER		ECT COST (1000)
0702096N		812.30	P-110			000	
		9. QQ	T OSTUMA	TES .		, 	
		ITEM		um	QUANTITY	COST	CQST (\$000)
BLECTRICAL D	ISTRIB	UTION SYSTEM UPGR	ADE	. LS	-	-	8,120
SUBTOTAL		• • • • • • •	• • • •	. -	-	-	8,120
CONTINGENCY			• • • •	· -	-	-	410
TOTAL CONTRA				• -	-	-	8,530
•		CTION & OVERHEAD	(3.28).	•	_		470 9,000
TOTAL REQUEST EQUIPMENT PRO		FROM OTHER APPRO	PRIATION	ės -	- (NON-ADD	9,000

Upgrade electrical distribution system at Point Loma, including distribution lines, switching stations, transformer stations, substations, street lighting, and telephone, fire alarm and security systems.

11. REQUIREMENT: As Required.

PROJECT: Upgrades primary electric power distribution systems for Naval activities on Point Loma; provides loop feeders; replaces obsolete transformers and switching stations. (Current mission.) REQUIREMENT: Comprehensive upgrading of the electric power distribution system to provide adequate, reliable electric power for existing facilities and new construction. This upgrading is necessary to meet the electric power demand of expanded facilities complexes in the northern sector of the Point Loma peninsula. Activities involved are the Naval Ocean Systems Center (NOSC) and tenants, and the Fleet Combat Training Center (FCTC) and tenants. Continued growth at NOSC and FCTC make the upgrading of electric power systems a high priority. A major laboratory was completed at NOSC in 1986, with additional facilities programmed. At FCTC, a tenant occpuied a major new computer operations center in 1987. CURRENT SITUATION: NOSC and FCTC obtain electric power from a primary 12.5KV commercial electric power source connected to a central switching station at the northern end of the Point Loma complex. Secondary power is

distributed southward through Navy duct banks and pole lines. A second substation is used to step-down the voltage. Another freder supplies a (Continued on DD 1391c)

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	NO LOCATION	
	Norks Center, San Diego, California	
4. PROJECT TITLE		S. PROJECT NUMBER
ELECTRICAL D	ISTRIBUTION SYSTEM UPGRADE	P-116
11. REQUIRE	NEXT: (Continued)	
	AZION: (Continued)	
	sewage pumping station. Existing electric po	
	d vulnerable to complete extended outages from he older overhead section dates from 1922 and	
	y service roads. Transformers are no longer	
	T PROVIDED: Blectric power-load growth attri	
	ilites growth in the northern sector of Point	
	capacity of the present distribution system.	
the electric	power supply to vital fleet support, training	g, and research
	ill remain low. Modern electric power transm	ission voltage
and loop des	ign will not be achieved.	
12. SUPPLEM	ENTAL DATA:	
a. Est	imated design status: (Project design confor	ms to Part II of
Military Han	dbook 1190, "Facility Planning and Design Guid	ie.")
(1)		- ^-
	(a) Date Design Started	····· <u>/-86</u>
	(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	12-86
	(d) Date Design Complete	
	(a) care searain contractions of the contraction of	
(2)	Basis:	
	(a) Standard or Definitive Design:	YesNo_X
	(b) Where Design Was Most Recently Used:	N/A
43.		(2222)
(3)	11.	(<u>\$000</u>)
	(a) Production of Plans and Specifications (b) All Other Design Costs	(
	(c) Total	
	(d) Contract	
	(e) In-house	
		
(4)	Construction start	
		(month and year)
<u>.</u> •	lumant amendated udth this market which will	l he meanided
•	ipment associated with this project which wil	r oe bronfaéa
ttom oguet g	Marcheractous: wous.	

MAVI	19.91 MILITARY CO	MSTRUC			TA			
3. Installation and lo Navy Public Morks San Diego, Califo	CENTER,		4. PROJEC	TTITLE	THORS			
B. PROGRAM ELEMENT	S. CATEGORY CODE	7. PROJEC	CT NUMBER 8. PROJECT COST (8000)					
0702096N	219.10	₽-07	2		,900			
	9. CA	ST SSTIMA	TES .					
	ITEM		UM	QUANTITY	UNIT	COST (8990)		
SHOPS PERSONNEL BUILD SUPPORTING PACILI' ELECTRICAL UTIL MECHANICAL UTIL PAVING AND SITE DEMOLITION SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT CONSUPERVISION, INSPINOTAL REQUEST	TIES. ITIES ITIES IMPROVEMENT. ST. ST.	(5.5%).	. -			4,650 (3,660) (1,000) 3,380 (490) (1,040) (1,600) (_250) 8,040 400 8,440 460 8,900 (0)		

One-story steel-frame building, concrete foundation and floor, reinforced concrete tilt-up wall panels, built-up roof over rigid insulation on steel deck; one-story reinforced concrete and masonry building, concrete foundation and floor, built-up roof over steel deck; fire protection system, utilities, air conditioning, computer flooring; demolition of five buildings.

11. PEQUIREMENT: 71,090 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs public works shops, storage areas, and an associated civilian personnel department facility at the NavaI Station, San Diego. (Current mission.)

REQUIREMENT: Adequate and properly-configured work spaces strategically located to provide public works services efficiently and economically and to directly support the fleet and waterside activities at the Naval Station. The center's shops provide major maintenance, repair, and overhaul for station facilities. It is necessary to consolidate the metal working, emergency services, plumbing, electrical, carpenter, riggers and miscellaneous services, shops and laydown work and storage areas to support the workload. This project has been determined to be the lowest cost alternative to properly locate service facilities and also provide an annual savings of over \$500,000.

CURRENT SITUATION: The center employs a staff of about 1,500 shop personnel at the Naval Station in facilities that were never designed for shop use (Continued on DD 1391c)

1. COMPONENT NAVY	FY	19 91 MILITARY CONSTRUCTION PROJECT D	ATA 2. DATE
2. INSTALLATION	AND LO	ATION	
		CENTER, SAN DIEGO, CALIFORNIA	S. PROJECT NUMBER
4. PROJECT TITLE			S. PROJECT NUMBER
PUBLIC WORKS	SHOPS		P-072
CURRENT SITU and are in a with buildin through repa facilities a several loca in the 1940° travel time accomplish a IMPACT IP NO to be housed from the fle	ATION: Extreme g code ir and it Nava tions, s. Wo wasted singl T PROV et act of dir	IDED: Pragmented operations and personne tremely inadequate facilities, some at givities they support, with resulting advect support to the fleet and associated	nnot be upgraded 's shop attered in ructures built of unnecessary work sites to l will continue reat distances erse impact on
		design status: (Project design conform 1190, "Facility blanning and Design Guid	
(1)	Stat (a) (b) (c) (d)	us: Date Design Started Percent Complete as of January 1990 Date Design 35% Complete Date Design Complete	<u>100</u> 5-89
(2)	Basi (a) (b)		Yes No X N/A
(3)	Tota (a) (b) (c) (d) (e)	l cost (c) = (a) + (b) or (d) + (e): Production of Plans and Specifications. All Other Design Costs Total	(<u>200</u>) (<u>510</u> (<u>550</u>)
(4)	Cons	truction start(1-91 month and year)
_	-	associated with this project which will intions: None.	be provided

1. COMPONENT NAVY 2. INSTALLATION AS NAVY PUBLIC W SAN DIBGO, CA 5. PROGRAM ELEME 0702096M	ORKS	CENTER,	NSTRUC	4. PR S T NUI	OJECT TEAM MPB()	DISTRIBU	TION	ET (8000)
44444			T ESTIMAT				A-PHU	
		ITEM			U/M	QUANTITY	COS	
SUBTOTAL	50) T COST	T	(5.5%).	•	LS	- - - - - (NO	N-ADI	2,980 2,980 150 3,130 170 3,300 0)

Install welded-steel steam line with insulation, direct burial with expansion loops, manholes, steam traps, and valves.

11. REQUIREMENT: As Required.

PROJECT: Expands steam distribution system to the south portion of Naval Station, San Diego. (Current mission.)

REQUIREMENT: Adequate "cold-iron" steam service for berthing ships at Naval Station piers 10, 11 and 12, and to provide steam to proposed berthing and repair piers.

CURRENT SITUATION: The steam line currently serving the southern section of the Naval Station is too small to adequately supply required pressure and quantities of steam to support "cold-iron" berthing of ships. The 6-inch line provides only enough steam for ships in the floating drydock.

IMPACT IF NOT PROVIDED: Either Mobile Utility Support Equipment (MUSE) will need to be used to support "cold-iron" berthing or ships will have to operate on-board steam generation equipment. MUSE is designed for temporary use only and is not a long term solution to the steam system deficiency. Using on-board steam generation equipment requires ships be operationally manned while in port, contrary to Navy policy. Neither MUSE nor on-board steam generation is cost effective.

(Continued on DD 1391c)

		CENTER, SAN DIEGO, CALIFORNIA	
PROJECT TITL	E	S. PROJECT NUM	BER
STEAM DIST	RIBUTION	N SYSTEM IMPROVEMENTS P-149)
12. Suppli	emental	DATA:	
		d design status: (Project design conforms to Part I 1190, "Famility Planning and Design Guide.")	I of
(:	l) Stat	== = ;	
	(a)	Date Design Started11-	88
	(b)		.00
		Date Design 35% Complete5-	_
	(d)	Date Design Complete1-	.90
(2	2) Basi	is:	
	(a)	Standard or Definitive Design: YesNo_	X
	(b)		
(:	3) Tota		000
	(a)		100
	(b)	All Other Design Costs(130
	(ċ)		230
	(a)		180
	(e)	In-house(50

1. COMPONENT		FY	1991 MILI	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
NAVY 3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND .			5. AREA C	ONSTR
								į	COST	
NAVY PUBL: SAN FRANC						L FACILITY NEERING CO			1.21	
6. PERSONNEL		PERMANEN'	T		STUDENTS			SUPPORT	LED	
STRENGTH	OFFICER ENLISTED CIVILIAN OFFICER EI			RNLISTED	CIVILIAN	OFFICER	ENLISTE	D CIVILIAN	TOTAL	
a. AS DF 09/30/88	11	6	1284	0	•	0			0	1301
D. END FY 1994	13	6	1371				۰			1390
		L	7.	INVENTO	RY DATA (S	(000)	L	 _		_L
a. TOTAL ACR	FAGF			(696)					
b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED 1 g. REMAINING n. GRAND TOT 8. PROJECTS R	TION NOT TION REOUTION INC N NEXT TO DEFICIENTAL	YET IN II DESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM				24.370 33,730 11,200 3,000 0 5,800 78,100		
a. PROUECTS R	.54053150	14 IN13	PROGRAM.	•						
CATEGORY CODE		PROJECT	TITLE	•		SCOPE		OST (000)		STATUS COMPLETE
		KS SHOPS				176,020	SF	11,200	11/88	01/90
	TOTAL							11,200		
9. FUTURE PRI A. INCLUDI 811.09 ELI	ED IN FOI EC POWER TOTAL	DIST				LS		3,000		
supp all d requ	nde publicht, engother logiced by the MG POLLUTION ABALLATION	ic works, ineering : gistic suj the opera- e public : TION AND : TEMENT RESTORATIO	public uservices, opert of ting force works cen	shore for a public es, deperter.	, public actilities works na ndent act	planning ture, inc ivities,	support ident th	, and ereto,	nds	
								•		

DD FORM 1390 1DEC76

1. COMPONENT NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA										
3. INSTALLATION AND	LOC	ATION		4. PR	OJECT	TIT	.E				
NAVY PUBLIC WOR	RKS (CENTER,									
SAN FRANCISCO,	CAL	IFORNIA		P	UBLI	C W	ORKS S	HOPS			
S. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJEC	TNU	MBER	1	B. PROJE	CT CO	8T ((000	
0702096N		219.10	P-06	l			1	1,20	0		
		9. CO	T ESTIMAT	E\$							
		ITEM			U/M	QUA	NTITY	UNI		COST (\$000)	
PUBLIC WORKS SE	OPS			•	SF	17	5,020	-		7,700	
PUBLIC WORKS	BUI	LDING		•	SP	71	3,020	66.0	00	(5,150)	
MAINTENANCE S	STOR	age warehouse ren	OVATION		SF	98,000 26.			oc l	(2,550)	
SUPPORTING FACT	LIT	IES			-		_	_	-	2,410	
SPECIAL CONST	rruc	TION FEATURES		•	LS		_	-	İ	(850)	
UTILITIES .					LS	1	-	l –		(190)	
PAVING AND SI	TE	IMPROVEMENT		_	Ls		_	_	- 1	(220)	
DEMOLITION .					LS	1	_	-	1	(1,150)	
SUBTOTAL				•	_		-	_	- 1	10,110	
CONTINGENCY (5				•	-	}	-	_	- 1	510	
TOTAL CONTRACT		T		•	_		_	_	- 1	10,620	
		CTION & OVERHEAD	(5.58)	•	1_		-	_	1	580	
TOTAL REQUEST.			(3000)	•	١_	1	_	١ ـ	1	11,200	
-		FROM OTHER APPRO	 DPTATTO		 _	1	- (NO	N-AD	ומ	(0)	
-Action: 1404		a rower of trees, the party	10				1.10		-,	, 07	
1											

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Steel-frame building, insulated metal siding and roof, pile foundation, concrete floors, mezzanine, ventilation, fire protection system, utilities; renovation includes rearrangement of interior partitions and areas; demolition of two buildings.

11. REQUIREMENT: 176,020 SF. ADEQUATE: 0 SF. SUBSTANDARD: (98,000) SF. PROJECT: Constructs public works shops facilities, renovates building for maintenance storage to consolidate functions. (Current mission.)

REQUIREMENT: Adequate maintenance shops including woodworking, electrical, refrigeration, air-conditioning, heating, plumbing, metal working, machine, welding, painting, tool issue, office space and maintenance storage. The center provides repair and maintenance of supported military installation facilities, including installed equipment, and utility systems. Prudent management requires consolidation of existing functions into one central location.

CURRENT SITUATION: Maintenance shops and associated materials storage functions occupy eight buildings at widely dispersed locations in Oakland. When the center was established in 1974, it was necessary to utilize whatever buildings were available at the supply center. Existing buildings to be vacated will either be converted to supply facilities or demolished for construction of new supply facilities. Costs of public works services

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	PATA
3. INSTALLATION	AND LOCATION	
NAVY PUBLIC	WORKS CENTER, SAN FRANCISCO, CALIFORNIA	
4. PROJECT TITLE		S. PROJECT NUMBER
PUBLIC WORKS	SHOPS	P-061
CURRENT SITU to the cente inherent in Works Center and, through productivity by 25%. IMPACT IF NO cutting effi storage and	MENT: (Continued) ATION: (Continued) r's customers are higher because of less efficusing fragmented and widely dispersed facilities are tasked to achieve competitiveness and contheir corporate improvement plans, to increase by 25% and cut total cost for maintenance and T_PROVIDED: The center will not be able to conciency improvements. Distances between shops administrative support facilities will continuous time and money in day-to-day operations.	les. Navy Public est effectiveness se labor i repair services etinue with cost materials
	ENTAL DATA:	
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid	
(1)	Status: (a) Date Design Started	100 5-89
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	YesNo_X_
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Ccher Design Costs	(<u>50</u>) <u>650</u> (<u>620</u>)
(4)	Construction start	1-91 (month and year)
	ipment associated with this project which wil. ppropriations: None.	l be provided

A1 A 1414		FY	991 MILI	TARY C	ONSTRUC'	TION PRO	GRAM	2	. DATE			
NAVY								!	- 254 - 20			
. INSTALLATIO	IN AND LO	CATION			4. COMMAR	N.		15	. AREA COI			
NAVAL WEAT					COMMA	SEA SYST	EMS	<u> </u>	1.19			
. PERSONNEL STRENGTH		PERMANENT	·		STUDENTS			SUPPORTE	D	TOTA		
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	ED CIVILIAN			
09/30/88 . END FY	16	108	2396	٥	0	٥	0	٥	0	25		
1994	13	108	2315	0	٥	٥	٥		<u> </u>	24		
			7.	INVENTO	RY DATA ((000)						
a. TOTAL ACR b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TO	TOTAL A: TION NOT TION REOL TION INC: N NEXT THE DEFICIENTAL	YET IN IN JESTED IN LUDED IN I HREE PROGR	IVENTORY. THIS PROGRAM FOLLOWING RAM YEARS	GRAM PROGRAM			;	76,780 29,860 8,830 30,500 12,300 44,520 02,790				
. PROJECTS R	REQUESTED	IN THIS	PROGRAM:					0ST	DESIGN !			
CODE		PROJECT				SCOPE	(\$	0001	START	OMP.		
315.30 WE	APONS TES TOTAL	ST & EVAL	FAC			48,000	SF	8,830	11/88	01/9		
. FUTURE PR												
316.10 AMI 421.72 MI 421.72 MI	MAHAWK TI MUNITION SSILE MAG SSILE MAG RM MAGAZ: TOTAL	LABORATO; Gazines Gazines	ŧY			LS LS 17,790: LS LS		1.500 3.700 3.600 10.500 2.500 30.500				
MISSION OF	ive, sto ks, asse gnated m	re, issue mble, unic issiles (and renovad, check including	k out. 11 associa:	types of ssue, mair ted compor uation lab	ntain, re ments, bo	pair and	store	c			
stoci des 1	t); opera											
stoci designer	NG POLLU	TION AND	AFETY DE	FICIENCI		<u>xo</u>)						
stock designer iner 1. OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			XO .						
stock designer iner 1. OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND	ON			xo xo						
stock designer iner DUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			xo xo						
stock designer iner . OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			xo xo						
stock designer iner 1. OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			xo xo						
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stock designer iner 1. OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			xo xo						
stock designer iner . OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			xo xo						
stock designer iner 1. OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			xo xo						
stock designer iner 1. OUTSTANDI A: POLLU B: INSTA	NG POLLU' TION ABA' LLATION I	TION AND STEMENT	ON			xo xo						

2. DATE 1. COMPONENT FY 19_91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL WEAPONS STATION, WEAPONS TESTING AND SEAL BEACH, CALIFORNIA EVALUATION FACILITY 6. CATEGORY CODE 5. PROGRAM ELEMENT 7. PROJECT NUMBER S. PROJECT COST (\$000) 8,830 315.30 0702096N 9. COST ESTIMATES COST (\$000) QUANTITY 48,000 7,600 WEAPONS TESTING AND EVALUATION FACILITY. . . SP SP 48,000 116.00 (5,570)(790) TEMPEST SHIELDING. LS LS (1,240)370 130) ELECTRICAL UTILITIES LS LS 60) LS 70) PAVING AND SITE IMPROVEMENT. LS 110) SUBTOTAL . . . _ 7.970 CONTINGENCY (5%) 400 8,370 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 460 8,830 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD) (7,250)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story reinforced concrete building, concrete foundation and floors, built-up roofing, fire protection system, solar-assisted environmental control, TEMPEST shielding, security systems, back-up electric power generators, utilities, air conditioning; demolition of four buildings.

11. REQUIREMENT: 48,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a weapons engineering, operations and telemetry laboratory. (Current mission.)

REQUIREMENT: Adequate facility with controlled environment to support the integrated assessment of battle group performance with its enormous increase in complexity of the individual weapons systems. The integration of hundreds of weapons systems and people in the battle group so they operate together successfully is dependent on being able to assess their performance and provide timely feedback to validate tactics, determine readiness and capability, devise corrective actions where needed, and identify additional training. The assessment of battle group performance requires facilities for real-time, secure communications and computer-based analysis tools such as interactive graphics and distributed data bases. This facility is essential to providing the required comprehensive assessment of battle group performance.

CURRENT SITUATION: Some elements of the integrated assessment of battle group performance are not being done because there is a lack of adequate

NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	DATA
3. INSTALLATION	AND LOCATION	
NAVAL WEAPO	NS STATION, SEAL BEACH, CALIFORNIA	
4. PROJECT TITLE		S. PROJECT NUMBER
WEAPONS TEST	ring and evaluation facility	P-171
CURRENT SITT facilities converted for battle group automatical transferred delays. The information to electron completion operformance results in taking place finding become without the IMPACT IF M fleet exerc facilities:	EMENT: (Continued) JATION: (Continued) and equipment. The assessment functions are horner hospital wards at the Corona site. Weap of elements are analyzed individually based on ly and manually collected data. All forms of to Corona by courier or mail which introduces is data analysis process uses paper as the med display which is time-consuming and labor-intics. Results of the individual elements are in of the analysis process to assess battle group. This approach is limited by time available the inability to fully assess the many complexes. There is the chance of overlooking an observation of modern computing technology. OF PROVIDED: Complete information to be gained isses will continue to be lost because of the lactics and weapons, sensors and communication lied.	cons systems and both data are significant lium for censive relative integrated after to level and usually interactions cure but important be processed if from large scale ack of adequate about fliet
12. SUPPLE	ENTAL DATA:	
	timated design status: (Project design confor ndbook 1190, "Tacility Planning and Design Gui	
(1)	Status: (a) Date Design Started	

(Continued on DD 1391c)

Yes_

N/A

DD 1 500 1391c S/N 0102-LF-001-3015

(2) Basis:

(b)

1. COMPONENT

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

(a) Production of Plans and Specifications.....(

(d) Contract.....

All Other Design Costs.....(

(a) Standard or Definitive Design:

(3) Total cost (c) = (a) + (b) or (d) + (e):

(c) Total.....

(b) Where Design Was Most Recently Used:

PAGE NO. 177

(\$000)

440 200_)

640 600)

IZ. DATE

2. DATE 1. COMPONENT FY 19_91_MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL WEAPONS STATION, SEAL BEACH, CALIFORNIA S, PROJECT NUMBER WEAPONS TESTING AND EVALUATION FACILITY P-171 12. SUPPLEMENTAL DATA: (Continued) (4) Construction start..... 1-91 (month and year) b. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Procuring Equipment Appropriated Cost Nomenclature (\$000) Appropriation or Requested Graphic Work Stations, NIF (ACP) 1990 - 1994 7,250 Computer Systems, Large Screen Displays

1. COMPONENT				<u>-</u>					2. DATE	
NAVY		FY	1891 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	1		
3. INSTALLATIO	N AND LO	CATION			4. COMMAI	10			5. AREA CO	
NAVAL SEC Skaggs is			ITY,		NAVAI COMM	. SECURITY	GROUP	-	1.21	
6. PERSONNEL	1	PERMANEN	т		STUDENTS			SUPPORT	ED .	
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 09/30/88 b. END FY	16	270	47	0	10	0	٥	0	0	343
1994	18	267	47	•	56	•	٥	0	0	388
			7.	INVENTO	RY DATA	(000)				
9. FUTURE PR A. INCLUD NONE B. MAJOR NONE 10. MISSION O Stat tact Defe 11. QUISTANDI A: POLLU	TOTAL A: TION NOT TION NEW TION INCO N NEXT TI DEFICIE! TABLE WA' TOTAL TOTAL PLANNED! TOTAL TOTA	YET IN II JESTED IN LUDED IN: HREE PROGI NCY IN THIS PROJECT TER SYSTEM LOWING PI NEXT THREE PROTIONS Ant of the co-to-shorinication TION AND TEMENT RESTORATION	EP 88	GRAM	ommunicatint commu	SCOPE LS ions systemications y Group of	em, prov	Navy	DESIGN START 10/88	STATUS COMPLETE 09/89

FY 19_91 MILITARY CONSTRUCTI							N PR	OJE	CT DA	TA	2, DA	TE
3. INSTALLATION A	ND LOC	ATION			٦	4. PF	OJECT	TIT				
NAVAL SECURI		OUP ACTIVITY,				,		ir.we	NATER	ever	TPL4	
S PROGRAM ELEM		S. CATEGORY CODE	7. 1	140.	F.C		MOER		S. PROJ			000)
0305896N 841.50 P-07										L-472		
		9. CO	17 4	STM	<u> </u>	E8 _	,					
		ITEM					U/M	QUA	NTITY	CO		(\$000)
POTABLE WATE		'EM	•	• •	•	•	LS		-	-		1,030
WELL	• • •	• • • • • • • •	•	• •	•	•	LS		-	-	ı	(230) (800)
SUPPORTING F	ACTT.TT		•	• •	•	•	153		_		- 1	300
UTILITIES.	W-1011		•	• •	•	•	LS		_	_	ı	(200)
	SITE	IMPROVEMENT	:	• •		•	LS	1	_	-	j	(100)
SUBTOTAL			•		•	•	-	l	-	-	1	1,330
CONTINGENCY	(5%) .					•	-		-	_	i	70
TOTAL CONTRA	CT COS	T	•		•	•	-		-	-		1,400
•		CTION & OVERHEAD	(5	. 5%).	•	-		-	-		72
TOTAL REQUES			•	• •	•	•	-		-	_		1,472
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PR	IAT	IO	NS	-	l	-	MON-	·ADD)	(0)
10 DESCRIPTION O	FROF	SED CONSTRUCTION						L				

Water well; 6-inch pipeline; pumping station; right-of-way easement; emergency electric power; intrusion and chlorination detection system.

11. REQUIREMENT: As Required.

PROJECT: Provides a 200 GPM potable water well with submersible pump, valving, treatment facilities, piping; acquires interest in approximately 0.25 acres of land. (Current mission.)

REQUIREMENT: A dependable potable water supply to accommodate the domestic water needs of 280 military personnel and their dependents, and civilian personnel working at the activity. Provide adequate cooling and fire protection water with required pressure.

<u>CURRENT SITUATION:</u> Potable water is currently provided by wells on Skaggs Island. The only reliable source of acceptable quality water to meet minimum demand is well 6. Other wells either do not meet water quality standards or cannot maintain sufficient capacity because of drawdown. Water wells currently can meet only minimum domestic demand without breakdown or unforeseen needs such as a fire protection requirement. IMPACT IF NOT PROVIDED: Failure or degradation of well 6 would necessitate restricting operations because cooling water or fire protection water may not be available. A loss of potable water would pose unacceptable health and safety risks to personnel and could result in an evacuation of government quarters.

(Condinued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
NAVY 3. INSTALLATION	AND LOCATION	
NAVAL SECUR	ITY GROUP ACTIVITY, SKAGGS ISLAND, CALIFORNIA	S. PROJECT NUMBER
POTABLE NAT		P-073
ADDITIONAL: water well treatment p completed. economic so potable wat	EMENT: (Continued) An economic analysis comparing construction of and 33,080-feet of pipeline with construction of lant and connection to the closest water agency Construction of the well and pipeline was should be constructed as sufficient and dependable of meeting water quality standards. MENTAL DATA:	of a water y has been wn as the most
12. SUPPLE	MENTAL DATA:	
	timated design status: (Project design conformation of the conform	
(1	(a) Date Design Started(b) Percent Complete as of January 1990 (c) Date Design 35% Complete(d) Date Design Complete	100 3-89
(2) Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recantly Used:	Yes No X
(3) Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>5</u>) (<u>55</u> (<u>45</u>)
(4	Construction start	10-90 (month and year)
_	uipment associated with this project which wil appropriations: None.	l be provided
		`

NAVY										
. INSTALLATI					4. COMMA				5. AREA CO COST I	
		GROUND CO	MBAT GENTI	ER,		ANDANT OF NE CORPS		1.32		
. PERSONNEL STRENGTH		PERMANEN	T		STUDENTS	1		SUPPORT	ED	TOTA
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN] ""
09/30/88 D. END FY	221	1448	1204	30	2400	0	454	5336	ì	1109
1994	190	1275	627	30	2431	•	482	5447	770	1125
			7.	INVENTO	RY DATA	B000l				
c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED 1 g. REMAINING h. GRAND TO B. PROJECTS	TION REQ TION INC N NEXT TO DEFICIENTAL	UESTED IN LUDED IN ! HREE PROG! NCY	THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM		· · · · · · · · · · · · · · · · · · ·	1	00,110 10,100 9,000 25,880 47,250 73,710		
CATEGORY								OST	DESIGN	
	FLD MAIN	PROJECT TENANCE SI				4.730		3.600	<u>START</u> 11/88	COMPLE 01/90
214.55 IN	DUST WST	WTR TRTMN	T FACS			.500.000	_	2,200	11/88	01/90
841.40 PC	TOTAL	TER STORA	GE IMM		•	,500,000	·	4,300	11/88	01/90
9. <u>FUTURE P</u> R	DUECTS:									
		LLOWING P	ROGRAM							
143.45 AF	MORY ILD CARE					LS 25,550	••	1,600		
		E WATER S	YSTEM			760.000	GA	3,300		
		NEXT THRE	E YEARS:							
	NCRETE RI	EDUCATNL	CTR			218,120 1 46,880 1		19,000 6,250		
O. MISSION C	R MAJOR	FUNCTIONS								
supp the air-	ort for Communications	Fleet Mar ation-Elec raining p	ine Force ctronics :	units au School, a r combine	nd other and admin	l, and adi units ass ister and ng of Flei	igned. conduct	Operate the		
1. OUTSTANDI	NG POLLU	TION AND	SAFETY DE	FICIENCI	ES: (\$0	<u></u>				
	TION ABA	TEMENT Restorati	DN		7,3	00 40				
			D HEALTH	(OSH):	• •	Ó			•	

DD FORM 1390 1DEC76

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1. COMPONENT NAVY	FY 19 <u>91</u> MI	LITARY CO	NSTRUC	TIQI	N PRO	DJECT DA		PATE
MARINE CORPS TWENTYNINE PA	AIR GROUND C		ER,			TITLE MAINTENA	NCE SHO	P
. Program Eleme	NT 6. CATEG	ORY CODE	7. PROJEC	TNU	ABER	B. PROJ	ECT COST (\$000)
0206496M	21	4.53	P-42			3,	600	
		9, CO	T ESTIMAT	res				
	ITEM				U/M	QUANTITY	COST	COST (\$000)
field mainten				•	SF	4,730	-	2,790
BUILDING . BUILT-IN BO		• • • •	• • • •	•	SF	4,730	141.00	(2,129)
SUPPORTING FA			 		-		_	460
	STRUCTION FE	ATURES		•	LS	-	-	(60)
ELECTRICAL	UTILITIES . UTILITIES .	• • • • •	• • • •	•	LS	-] -	(70)
	SITE IMPROVE			•	LS	_	-	(200
SUBTOTAL				•	-	-	-	3,250
CONTINGENCY (•	-	-	-	<u>160</u>
TOTAL CONTRAC		· · · · ·	 /E EN	•	-	-	-	3,410
SUPERVISION, TOTAL REQUEST			(3.38).	•	_	-		190 3,600
EQUIPMENT PRO			PRIATIO	NS	-	- (NC	N-ADD)	(0)
O DESCRIPTION OF	BEABARES AAUE	TALLETIAN						<u> </u>

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, concrete foundation and floor, tilt-up reinforced concrete wall panels, steel roof framing, rigid insulation, built-up roof, overhead bridge crane, fire protection system, ventilation and air conditioning, security system, fuel storage tanks, utilities.

11. REQUIREMENT: 73,160 SF. ADEQUATE: 68,430 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a maintenance shop building and supporting facilities for fourth echelon repair of tactical equipment stationed at the center. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to support maintenance of the MLA1 tank being assigned to this center in 1989. This tank has features that require maintenance facilities not currently available at this center. The MIA1 tanks' weight, size, and engine type require maintenance bays with twice the floor space needed for other tanks, a 40-ton capacity overhead crane, and a positive pressure sound isolation

room for testing the gas turbine.

<u>CURRENT SITUATION</u>: Detachment "A" First Service Support Group performs major overhauls on tactical equipment stationed at this center. This equipment must be maintained in a constant state of combat readiness. Existing maintenance facilities are fully utilized. There are no facilities which can provide the needed isolation room and 40-ton crane capability, both of which are essential to MIAl tank maintenance.

1. COMPONEN	-		IZ. DATE
1. COMPONEN	'	FY 19 91 MILITARY CONSTRUCTION PROJECT D	
NAVY	- 1	PT 19MILITARY COMSTRUCTION PROSECT D	212
3. INSTALLA	TION A	ND LOCATION	
W172777 CC		THE ASSURED AMEND AND THE STATE OF THE STATE	
		AIR GROUND COMBAT CENTER, TWENTYNINE PALMS, C	S. PROJECT NUMBER
4. PROJECT T	ITLE		S, PROJECT NOMBER
FIELD MAI	NTEN	ance shop	P-428
		ENT: (Continued)	
		PROVIDED: This center will be unable to mai	
		timated 70 tanks per year would be shipped to	
		ce. Mission readiness of the Fleet Marine Po	
		ld be impaired. The ability to repair tanks	
		exercises would be eliminated with an advers	e imbact ou
training.			
12. SUPE	LEME	NTAL DATA:	
	_		
a.	Esti	mated design status: (Project design conform	s to Part II of
Military	Handi	book 1190, "Facility Planning and Design Guid	e.")
	(1)	Status:	
		(a) Date Design Started	<u>11-88</u>
		(b) Percent Complete as of January 1990	100
		(c) Date Design 35% Complete	
		(d) Date Design Complete	1-90_
	(2)	Basis:	
	•		Yes No X
		(b) Where Design Was Most Recently Used:	N/A
	(3)	(-, (-, (-, (-, (-, (-, (-, (-,	(<u>\$000</u>)
		(a) Production of Plans and Specifications.	
		(b) All Other Design Costs	
		(c) Total	
		(d) Contract	
		(e) In-house	(55_)
	(4)	Construction start	1-91
	,		month and year)
		,	
b.	Equi	pment associated with this project which will	be provided
from other	r ap	propriations: None.	-
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1. COMPONENT	FY 1	9 <u>91</u> MIL	ITARY CO	NST	RUC	TIOI	N PR	OJEC	T DA	TA	2. D	ATE
3. INSTALLATION AN	D LOC	ATION				4. PR	OJECT	TITL	E			
MARINE CORPS A				ER,		١.	- AMA			amo.s		
TWENTYNINE PAL 5. PROGRAM ELEMEN	_	6. CATEGO		T			MBER		ATER PROJ			TANK
S. PROGRAM ELEMEN		S. CATEGO	MY CODE	/. FR	OJEC	I NUI	MBEN	ľ	i. PROJI	ECT CC	JST (:	FOGO)
0206496M		841	.40	P	-44	7		- 1		4,30	0	
			9. CO	IT EST	IMA'	res						
		ITEM					U/M	QUA	YTITY	UN		COST (\$000)
POTABLE WATER	STOR	AGE TANK				•	MG	4	.5	-		3,890
STEEL TANK .				٠.			LS		-	-		(2,300)
PIPING						•	LS	1	-	-		(1,170)
PUMP STATION	AND	CONTROL	Eystem.			•	LS		_	-		(110)
UTILITIES							LS		-	-		(<u>310</u>)
SUBTOTAL				• •			-	1	-	-		3,890
CONTINGENCY (5				• •		•	-		-	 -		190
TOTAL CONTRACT	COS	r				•	-		-	-		4,080
SUPERVISION, I		CTION &	OVERHEAD	(5.5	%).	•	-	1	-	-		220
TOTAL REQUEST.	-			• •		•	-		-	-		4,300
EQUIPMENT PROV	/IDED	FROM OT	HER APPRO	PRIA	TIO	NS	-		- (NC	N-AD	(D)	(0)
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A DECCRIPTION OF							<u> </u>	<u> </u>		L		

One 4.5 million gallon steel water storage tank, supply pump station, water distribution system piping, inter-connections between the new and existing reservoirs; utilities.

11. REQUIREMENT: 6.5 MG. ADEQUATE: 2.0 MG. SUBSTANDARD: 0 MG.

PROJECT: Provides additional water storage capacity for increased water pressure to meet fire-safety standards. (Current mission.)

REQUIREMENT: Adequate and sufficient water capacity at the pressure necessary to extinguish fires and furnish domestic and industrial water demands.

CURRENT SITUATION: Potable water is obtained from Surprise Springs Water Basin ten miles from the center. Pipelines convey water by gravity flow across historically active earthquake faults to the center. Because of the sparsely populated Mojave Desert, it is unlikely major repairs to the water transmission mains or the electrical power supply to the well field could be made in less than five days, if a disaster would occur.

IMPACT IF NOT PROVIDED: A disruption of water transmission from the wells to the existing storage tanks would result in the supply being depleted before repairs could be made. Without water, the center would close and force 10,000 residents to seek other shelter. Potential loss from fire during this period would be an unacceptable risk.

. COMPONENT	2. DATE
	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA
NAVY	
3. INSTALLATION	AND LOCATION
	AIR-GROUND COMBAT CENTER, TWENTYNINE PALMS, CALIFORNIA
4. PROJECT TITLE	
	P-447
POTABLE WATE	R STORAGE TANK
12. SUPPLEM	ENTAL DATA:
12. SURTEM	Mi. 4100 Ullett
a. Est	imated design status: (Project design conforms to Part II of
Military Har	dbook 1190, "Facility Planning and Design Guide.")
-	
(1)	Status:
	(a) Date Design Started11-88
	(b) Percent Complete as of January 1990 100
	(c) Date Design 35% Complete
	(d) Date Design Complete1-90
(2)	Basis:
(2)	(a) Standard or Definitive Design: Yes No X
	(b) Where Design Was Most Recently Used: N/A
	(6) 1111010 0001311 1100 00010
(3)	Total cost (c) = (a) + (b) or (d) + (e): $(\$000)$
	(a) Production of Plans and Specifications(225)
	(b) All Other Design Costs(165)
	(c) Total
	(d) Contract(350)
	(e) In-house(<u>40</u>)
(4)	Construction start
(*	(month and year)
	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,
b. Eq	ipment associated with this project which will be provided
	appropriations: None.
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NAVY		гт	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM			•
INSTALLATIO	N AND LO	CATION			4. COMMA	ND			5. AREA CO	NSTR.
NAVAL SUB			•		COMM	ANDER IN	CHIEF,	İ	COST	NDEX
NEW LONDO	N, CONNE	CTICUT			<u> </u>	NTIC FLEE	T		1.17	
PERSONNEL STRENGTH		PERMANEN		,	STUDENT	т		SUPPORT		TOTA
. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
09/30/88 . END FY	1119	9423	1990	291	2507	•	11	357	•	1565
1994	1126	9303	2050	562	2726	0	11	357	•	1613
			7.	INVENTO	RY DATA	\$000)				
AUTHORIZA AUTHORIZA AUTHORIZA AUTHORIZA PLANNED I REMAINING GRAND TOT PROJECTS 6	TION INC N NEXT TI DEFICIE TAL	LUDED IN HREE PROG	FOLLOWING RAM YEARS	PROGRAM		· · · · · · · · · · · · · · · · · · ·		17,680 26,270 30,000 73,610 10,510 99,650		
CATEGORY		, 14 1H13	PROGRAM.				c	OST	DESIGN	STATUS
154.20 OU	AVWALL PI	PROJECT EPLACEMEN				SCOPE LS		9,100	<u>START</u> 11/88	01/90
165.10 TH	AMES RIV	ER DREDGI	NG		2	105,530		7,770 4,700	12/88 11/88	06/90
		INE GENER				LS	,	4,700 26,270		01/90
. FUTURE PR	DUECTS:									
A. INCLUD	ED IN FO		ROGRAM			LS		7.200	•	
411.10 UN	DERGROUND	TANK RE	PLACMNT			ĹŠ		3,000		
441.10 WA	REHOUSE : D	IMPK				LS LS		4.000 12.400		
911.10 LA	ND ACQUIS	SITION				LS		3,400 30,000		
Flee supp and Subm Subm Subm	es as hor t, provid ort. Ser other sur arine Sur arine Squ	meport for ding refir rves as he oport of I oport Fac uadron Two dical Cen-	r operati t, mainte ost to ot FBM subma ility	nance, reher commerine off Signal Sig	eplenishm ands loca -crews. ubmarine ubmarine ubmarine	inines of lent, trail ited on the Squadron Developme Medical R insea Medic racks	ning, an e base. Ten (Sta nt Squad esearch	d ordnand Training te Pier) ron 12 Laborato	9	
OUT ET LISE	10 BOLL	F		***********	-1					
A: POLLU B: INSTA	TION ABAT LLATION I	TEMENT	ON		<u>ES</u> : (<u>\$0</u> 14,4	10 00 0				
C: OCCOP										
C: UCCOP										

1. COMPONENT NAVY	991 MILITARY C	TION	PRO	JECT DA	TA 2.	DATE		
. INSTALLATION	ND LOC	ATION		4. PRO	JECT	TITLE		
NAVAL SUBMARI	NE BAS	SE,		BA	CHEL	OR OFFIC	ER OUA	RTERS
NEW LONDON, C		•		J.		IZATION		
S. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNUM	BER	S. PROJ	ECT COST	(\$000)
0204896N		724.11	P-13)			4,700	
		9, C	OST ESTIMA	TES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
BACHELOR OFF	CER Q	JARTERS MODERNIZ	ATION	•]:	SF	105,530	40.00	4,170
Supporting Fi	CILIT	IES		• 1	-	-] -	80
UTILITIES.				•	LS	_	-	(80)
SUBTOTAL				. [- {	-		4,250
CONTINGENCY	5%) .			• 1	-	-	-	210
TOTAL CONTRAC	T COS	r		•	-	-	-	4,460
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	•	-	-	-	240
TOTAL REQUEST				٠,	-]	-	 -	4,700
EQUIPMENT PRO	VIDED	FROM OTHER APPR	OPRIATIO	NS	-	- (NO	N-ADD)	(0)

Alterations in three buildings including partitions, new floor, wall, and ceiling coverings, bathroom fixtures, doors, intercom system, telephone and cable TV outlets, fire protection and alarm systems, air conditioning, utilities; energy monitoring and control system; stairs. Grade mix: 54 W1-02, 51 03-above. Total: 105.

11. REQUIREMENT: 641 PN. ADEQUATE: 428 PN. SUBSTANDARD: 105 PN. PROJECT: Provides adequate billeting for 105 officer personnel. (Current mission.)

REQUIREMENT: Adequate housing for 641 officer personnel who are either assigned duty at the base or are officer students attending one of the various schools.

CURRENT SITUATION: Existing berthing capacity of 428 spaces, including 105 substandard spaces requiring modernization, and accommodations found by 323 personnel in the local community, is insufficient, resulting in overcrowling. After modernization of the spaces requested by this project, a new construction deficiency of 213 adequate billeting spaces will exist. This remaining projected space deficit will be satisfied by a follow-on project currently unprogrammed. All projected space requirements are revalidated annually by a new survey, which updates planning projections.

IMPACT IF NOT PROVIDED: Adequate living quarters for bachelor officers will continue to be unavailable, resulting in degradation of morale, training, and career retention efforts. (Continued on DD 1391c)

1. COMPONER	47		2. DATE						
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DA	ATA						
3. INSTALLA	3. INSTALLATION AND LOCATION								
NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT									
4. PROJECT T	ITLE		S. PROJECT NUMBER						
BACHELOR OFFICER QUARTERS MODERNIZATION P-130									
12. SUPPLEMENTAL DATA:									
12. SUP	LINE	SNIAL DATA:							
a. Military		imated design status: (Project design conformated the sign status: Planning and Design Guide							
	(1)	Status:							
		(a) Date Design Started	11-88						
		(b) Percent Complete as of January 1990	<u>100</u>						
		(c) Date Design 35% Complete							
		(d) bace begign complates							
	(2)								
			resNo_X_						
		(b) Where Design Was Most Recently Used:	N/A						
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)						
		(a) Production of Plans and Specifications.	(
		(b) All Other Design Costs							
		(c) Total							
		(e) In-house							
	(4)	Construction start(r	12-90 month and year)						
b.	Equi	ipment associated with this project which will	be provided						
from other	_	ppropriations: None.	-						
			• •						
			4						
			j						

1. COMPONENT	FY 1	9_91_MILI7	ARY CO	NST	RUC	TIO	N PRO	DJECT DA		DATE
								TITLE	·	
NAVAL SUBMAR	INE BA	SE.				1				
NEW LONDON.		- ·						ALL REPLA	CEMENT	
S. PROGRAM ELEMI	ENT	6. CATEGORY	CODE	7. P	POJEC	TNU	MBER	8, PROJE	ECT COST	(\$000)
_0204896N		_154.	20		P=41	3		9.	100	
			9. CO	T ES	TIMA	TES				
		ITEM					U/M	QUANTITY	UNIT	COST (\$000)
QUAYWALL REPI	LACEME	NT				•	LS	-	-	7,800
QUAYWALL .							LF	860	7,710	(6,630)
DREDGING .							LS	-	-	(1,170)
SUPPORTING F	ACILIT	IES				•	-	-	-	420
ELECTRICAL	UTILI	TIES				•	LS	-	-	(100)
MECHANICAL	UTILI	TIES				•	LS	-	-	(320)
SUBTOTAL		• • • •			• •	٠	1- 1	-	-	8,220
CONTINGENCY				• •	• •	•	-	-	-	410
TOTAL CONTRAC				• •	• •	٠	-	-	-	8,630
SUPERVISION,			/EKHEAD	(3.	58).	•	-		-	470
TOTAL REQUEST			 ED ADDDO	· ·		ATC	-		-	9,100
EQUIPMENT PRO	A T DED	FROM OTH	SK APPRO	r KT	ATIO	ND		- (NO	N-ADD)	(0)
									Į	
)									1	}
A DESCRIPTION O							<u> </u>			

Replace concrete retaining wall with concrete platform on steel H-piles with rip-rap slope; replace steel sheet pile bulkhead with sheet pile and concrete platform supported by rigid steel "A" frame; replace timber relieving platform and timber sheeting with concrete relieving platform over existing and new sheet pile bulkhead; all three sections include fendering, cathodic protection, street lights, storm drains and pavement; dredging and rock excavation.

11. REQUIREMENT: As Required.

PROJECT: Replaces concrete retaining wall section north of Piers 33 and 15; replaces steel sheet pile bulkhead north of Marina Pier; includes dredging and rock excavation north of Pier 33 to provide sufficient water depth. (Current mission.)

REQUIREMENT: Adequate repair of the quaywall to protect facilities such as the waterfront road, which is the primary weapons handling route from weapons storage to the submarines, the torpedo wire rewind shop; the torpedo handling equipment maintenance shop; the waterfront safe-haven for torpedoes during electrical storms; underground utilities; and berthing for service craft. Ine quaywall is a structurally integral component of the submarine base waterfront, providing a non-eroding interface between the river and the shore. It allows the patrol road and the utility systems to

(Continued on DD 1391c)

DD: FOAM 1391

S/N 0102-LF 001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXMAUSTED

QUAYWALL REI	LACEMENT	P-413
4. PROJECT TITLE	8. F	PROJECT NUMBER
NAVAL SUBMAI	LINE BASE, NEW LONDON, CONNECTICUT	
3. INSTALLATION	AND LOCATION	
NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT DAT	A
. COMPONENT	2. DATE	

11. REOUIREMENT: (Continued)

run parallel to the river without the threat of their being undermined and damaged by water erosion. It is necessary to replace sections of the deteriorated and severely damaged quaywall to prevent the road and utilities from eventually collapsing into the Thames River. There are several shops and buildings sited close to the water's edge that also depend on the quaywall for their foundations' structural integrity. CURRENT SITUATION: Deterioration of sheet piling and the concrete retaining wall in the vicinity of Piers 33 and 15 and the Marina Pier is allowing fill material to leak, causing an increasing number of waterfront roadway cave-ins. Conditions along the waterfront are hazardous for vehicles and weight handling equipment. The roadway running parallel to the quaywall is the principal route for the weapons delivery vehicles moving torpedoes and other weapons from the storage area to the submarine piers. Loss of this road would necessitate a re-routing of all traffic including the weapons delivery vehicles to a road which passes in front of a family housing area. Utility systems behind the bulkhead are threatened with disruption, which would severely interfere with submarine repair operations at the floating drydocks. Torpedo support shops located near the waterfront would become unusable if the material under their foundations were to wash away. Because of severe deterioration, repair is not a feasible alternative.

IMPACT IF NOT PROVIDED: The quaywall will continue to deteriorate with possible collapse of the waterfront road and utilities causing severe reduction of support to submarines and submarine maintenance functions. Torpedo support shops would be unusable if their foundations were damaged through quaywall collapse.

12. SUPPLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")
 - (1) Status:

(a)	Date	Design	Started	11-88

- (b) Percent Complete as of January 1990..... 100

- (2) Basis:
 - (a) Standard or Definitive Design:

Yes No X

(b) Where Design Was Most Recently Used:

(Continued on DD 1391c)

DD : 508M, 1391c

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

1. COM	PONER	ŧΤ		2. DATE
NAVY			FY 1991 MILITARY CONSTRUCTION PROJECT (DATA
J. INST	ALLA	TION /	AND LOCATION	
			NE BASE, NEW LONDON, CONNECTICUT	
4. PRO.	JECT 1	TITLE		S. PROJECT NUMBER
QUAYI	MALL	REPI	ACEMENT	P-413
12.	SUPI	PLEME	ENTAL DATA: (Continued)	
		(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	430) 430 (
		(4)		12-90 (month and year)
from			ipment associated with this project which will opropriations: None.	l be provided
				•

NAVY	FY 19.91 MILITARY CONSTRUC					NECT DA		2. DATE
3. INSTALLATION	ND LOC	ATION	4. PROJECT TITLE					
NAVAL SUBMAR	INE RA	SE.						
NEW LONDON.		*		STE	A.W	TURBINE	CEMED	ATOD
S. PROGRAM ELEM		S. CATEGORY CODE	7. PROJEC					T (\$000)
0204896N		811.25	P-39	L			4,700	
		9. CC	OT ESTIMAT	18				
		ITEM		U.	M	QUANTIT!	UNIT COST	
STEAM TURBIN	GENE	RATOR		. L	s	-		4,250
SUBTOTAL				. -	- 1	_	-	4,250
CONTINGENCY	(5%)			. -	- 1	_	-	210
TOTAL CONTRAC	T COS	T		. -		-		4,460
SUPERVISION.	INSPE	CTION & OVERHEAD	(5.5%).	. -	1	- '	-	240
TOTAL REQUES				. -		_	-	4,700
		FROM OTHER APPRO	PRIATION	1S -		-(NO	N-ADD	

Install steam driven turbine electric power generator including condenser, piping, valves, controls and metering; structural modifications; electrical system modifications.

11. REQUIREMENT: As Required.

PROJECT: Provides a 11,500 kilowatt steam driven turbine electric power generator, ancillary equipment, and modifications to the power plant building and its utilities. (Current mission.)

REQUIREMENT: Assure adequate uninterrupted electrical service for ashore facilities, for peak shaving, and emergency conditions in support of base operations and the submarines and support ships homeported.

CURRENT SITUATION: The electric power generating capability is insufficient to support the base-wide demand when purchased power is down. Existing capacity can support the afloat units, but not shore facilities. The existing peak ashore load demand is 15,000 KW and the afloat demand is 8,000 KW. A recent study of the future demand projects a peak ashore demand of 22,000 KW and peak afloat demand of 20,000 KW by 1993. The existing power generating capacities of the power plant with all turbines running at full continuous capacity is 9,500 KW, barely enough to meet afloat demand today. This project will close the gap for required shore peak power demand. As the base continues its rapid development, the present capability of the power plant to support all activities during

1. COMPONENT		2. DATE							
NA'TY	FY 19 91 MILITARY CONSTRUCTION PROJECT DA	ATA							
J. INSTALLATION	AND LOCATION								
NAVAL SUBMARINE BASE, NEW LONDON, CONNECTICUT									
4. PROJECT TITLE S. PROJECT NUMBER									
STEAM TURBIN	STEAM TURBINE GENERATOR P-391								
11. REQUIRE	GNT: (Continued)								
	ATION: (Continued)								
commercial p	ower outages becomes even less effective. Load	shedding							
	established that no more than ten percent reduc								
	ities can be achieved without significant impact								
-	Existing electrical generating capability is								
	for providing economical peak shaving. Peak								
	nigh penalty costs charged by the commercial superalties, the base utilizes its own generating								
	peaks thereby keeping purchased power within								
	poiding penalty charges which can amount to new								
per year.									
IMPACT IF NO	PROVIDED: Widespread load shedding in the every	vent of loss of							
commercial p	ower will be necessary. This will adversely in	mpact base							
	Undesirable penalty costs will be incurred as	a result of							
inadequate p	eak shaving capacity.								
10 60000000	Time I Bide								
12. SUPPLEM	ENTAL DATA:								
a. Est	imated design status: (Project design conforma	s to Part II of							
	book 1190, "Facility Planning and Design Guide								
	f								
(1)	Status:								
•	(a) Date Design Started								
	(b) Percent Complete as of January 1990								
	(c) Date Design 35% Complete								
	(d) Date Design Complete	1-90							
(2)	Basis:								
(-,	•	Yes No X							
	(b) Where Design Was Most Recently Used:	N/A							
	•								
(3)		(<u>\$00</u> 0)							
•	(a) Production of Plans and Specifications.								
	(b) All Cther Design Costs								
	(c) Total								
	(d) Contract								
	(#/ LIT_IIQUB#000000000000000000000000000000000000	(35_/							
(4)	Construction start	12-90							
		month and year)							
	·								
_	ipment associated with this project which will	be provided							
from other a	ppropriations: None.								

DD : 508M 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA									
3. INSTALLATION	AND LOC	ATION		4. PROJEC	PROJECT TITLE					
NAVAL SUBMAR	INE BA	SE,								
NEW LONDON.	CONNEC	TICUT			S RIVER D	REDGING				
S. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNUMBER	B. PROJ	ECT COST (\$000)			
		1			1					
0204896N		165.10	P-4		i.	7.770	_			
		9. COI	T ESTIMAT	res						
		ITEM		U/M	QUANTITY	UNIT	COST (9000)			
THAMES RIVER	DREDG	ING.		. Ls	-	-	13,000			
SUBTOTAL				. -	-	-	13,000			
LESS: NAT	O SHAR	Ε		. -	i -	-	-5,990			
SUBTOTAL					-	_	7,010			
CONTINGENCY	(5%)			. -	_	-	350			
TOTAL CONTRA				. -	-	-	7,360			
SUPERVISION.	INSPE	CTION & OVERHEAD	(5.5%).	. -	-	-	410			
TOTAL REQUES				. -	-	_	7,770			
		FROM OTHER APPROI	PRIATIO	NS -	- (NON-ADD				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Dredging to deepen Thames River main ship channel, operating and maneuvering areas, and alongside Piers 32 and 33.

11. REQUIREMENT: As Required.

PROJECT: Provides dredging of the Thames River and operating areas at the base in support of SSN-21 SEAWOLF nuclear-powered attack submarines. (New mission.)

REQUIREMENT: Adequate access up river to Piers 32 and 33 for SSN-21 operational evaluations and eventual homeporting. The Navy plans to construct the SSN-21 class submarine to succeed the SSN-688 Los Angeles class. The emphasis in this class will be improved machinery and combat systems in both sensors, quieting, and additional weapons. Increased hull diameter, and therefore greater draft, will permit bow-mounted, large-diameter torpedo tubes for "awim-out" torpedoes. Thirty SSN-21 submarines will be constructed carrying about twice the number of tube-launched weapons as previous classes. Budget requests for long-lead funding began in FY 1989. First delivery to the fleet for operational evaluations is expected in 1994. Dredging is required in the ship channel from Electric Boat, Groton to just north of Pier 33, the northern most pier at this base. Operating and maneuvering areas adjacent to the ship channel in the vicinity of base piers will be dredged to permit proper and safe herthing or getting underway of submarines. Dredging alongside the two designated SSN-21 piers, Piers 32 and 33, is also required. Operational evaluation of the newly constructed submarines is scheduled to begin at (Continued on DD 1391c)

4. PROJECT TITLE		
	18, P	ASSMUN TOSLOR
NAVAL SUBMA	RINE BASE, NEW LONDON, CONNECTICUT	
NAVY		<u></u>
	FY 19_91 MILITARY CONSTRUCTION PROJECT DAT	A Ì

11. REQUIREMENT: (Continued)

New London in 1994. Future homeporting is proposed to begin in the year 2000. New London is the Atlantic Fleet's primary submarine evaluation, homeport, and training base. It is located just up the river from Electric Boat, Groton, one of only two companies which build the Navy's nuclear-powered submarines. Boats must be fully evaluated by the Navy prior to acceptance into the fleet and for continued production of additional boats by the contractor. The maximum draft of the SSN-21 will be 36 feet compared to 29 to 32 feet of the current attack submarine force. A dredged depth of 42 feet is required to provide a five-foot clearance and one foot of maintenance overdredge. An additional one foot of depth will be provided at pierside to permit diver inspection of the submarine hulls. The ship channel south of Electric Boat has a depth in excess of 42 feet to the ocean.

CURRENT SITUATION: The existing Thames River ship channel and operating and maneuvering areas do not have sufficient depth to allow passage of the new class of submarines. The channel north of Electric Boat averages a depth of 37 feet. Depths alongside Piers 32 and 33 are also inadequate for this submarine, varying in depth from 33 to 36 feet. These piers were selected as the SSN-21 support piers because they are of fairly recent construction, more isolated from the main operating area than the other piers, and will be easier to secure. None of the other base piers has sufficient dredged depth for the SSN-21.

IMPACT IF NOT PROVIDED: Operational evaluation and future homeporting of SEAWOLF SSN's will not be possible at New London. FY 1991 is not premature considering the risks of work stoppages and delays because of the permitting process, environmental litigation, weather, switch to a more remote dump site, hard dredging in rock, and other unforeseen conditions. Empirical data from dredging for SSN 688 shows a similar PY 1973 project in the Thames River reached initial operating capability in late 1975, with only some of the above noted risks being experienced. ADDITIONAL: Based on allocation of submarines to NATO forces, NATO is contributing \$5.99 million of the cost for dredging.

12. SUPPLEMENTAL DATA:

a. Estimated design status: (Project design conforms to Part 17 of Military Handbook 1190, "Facility Planning and Design Guide.")

(1) St	atus
--------	------

(a)	Date Design Started	12-88
(b)	Percent Complete as of January 1990	35
(c)	Date Design 35% Complete	7-89
(d)	Date Design Complete	6-90
	(Continued on DD	

1. COMPONENT		10.000
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
	INE BASE, NEW LONDON, CONNECTICUT	
4. PROJECT TITLE		5. PROJECT NUMBER
THAMES RIVER	DREDGING	P-424
12. SUPPLEM	ENTAL DATA: (Continued)	
(2)	Basis: . (a) Standard or Definitive Design:	Yes No X
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>300</u>) (<u>545</u>)
(4)	Construction start	12-90
	ipment associated with this project which will ppropriations: None.	. be provided
	·	
		1
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٦.	COMPONENT		· ev		TARY C	AMETRI M		-20 AM	1	2. DATE	
_	NAVY			1991 7	JIANT V	UM3 I NUV	TION PRO	Karam			
3.	INSTALLATIO	N AND LE	CATION			4. COMMA	ND		1	S. AREA CO	
	NAVAL SUEI NEW LONDOI						F OF NAVAI		ا ا	1.17	
6.	PERSONNEL		PERMANENT	īT		STUDENTS	5		SUPPORT	ED	T
	STRENGTH . AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	BILISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
	. AS OF 09/30/88 . END FY	95	772	25	338	1949	0	9	0	0	2783
	1994	129	839	29	381	2452	0	•	0	•	3830
				7.	. INVENTO	MY DATA (\$000				
Ь	. TOTAL ACRI	TOTAL AS	< DF 30 S	EP 48		NT OF NSB			0		
) c	. AUTHORIZAT	TION NOT	YET IN I	NVENTORY.					9,540 15,000		
;	. AUTHORIZAT	TION INC.	LUDED IN PHREE PROGR	FOLLOWING	PROGRAM	·			2,300		
. و	. REMAINING . GRAND TOT	DEFICIER	NCY						26,840		
-	. PROJECTS R										
	ATEGORY							,			
_	CODE		PROJECT	TITLE			SCOME		1000)	START	STATUS COMPLETE
'	171.35 OPS	S TRAINER	R FAC				91,000	5F	15,000 15,000	12/88	06/90
پ		~									
l	. FUTURE PRO		- Sutua								
	A. INCLUDE NONE		TOMING	ROGHAM						,	
	B. MAJOR F 171.20 APF			E YEARS:		•	27,120	SF	2,300		
10	skill profi syste to br	ide offic is upon a iciency i ems. Pro	cers and e which oper in operati ovide func- marine per	enlisted (rating sul ing and m ctional, (ibmerine (Winteini) refreshe:	commands on submar or, advance	can build ines and i ed, and to	compete their we eam trai	nce and apon ning		
11.	. OUTSTANDIN			SAPETY DE	FICIENCI	ES: (\$0	00)				
1	B: INSTAL	LLATION F	RESTORATION SAFETY AND		(DSH):		0				
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DD FORM 1380 - 1DEC76

1. COMPONENT	FY 1	9.91 MILITARY CO	NSTRU	JC	TIOI	N PRO	DJECT DA		DATE
3. INSTALLATION	ND LOC	ATION			4. PR	OJECT	TITLE		
NAVAL SUBMAR					_				
NEW LONDON.		TICUT 6. CATEGORY CODE	7. PROJ				TIONAL TR	AINER I	
B, FRUGRAM ELEM	ENI	S. CATEGORY CODE	7. 7803	-		,	J. P. 1031	ECT COST	(5000)
0804731N		171.35	P=3					<u> 15.000</u>	
		9. COI	ST ESTIN	IA1	ES	,			
		ITEM				U/M	QUANTITY	UNIT COST	(\$000)
OPERATIONAL '	TRAINE	R FACILITY			•	SF	91,000	97.00	8,830
SUPPORTING F	ACILIT	IES				-		-	4,710
SPECIAL CO	NSTRUC	TION FEATURES				LS	_	-	(1,140)
BLECTRICAL	UTILI	TIES				LS	-	-	(880)
MECHANICAL	UTILI	TIES				LS	-	-	(960)
PAVING AND	SITE	IMPROVEMENT			•	LS	-	-	(1,730)
SUBTOTAL				•	•	 -) -	 -	13,540
CONTINGENCY	(5%) .			•	•	-	-	-	680
TOTAL CONTRA	CT COS	T			•	-	-	-	14,220
SUPERVISION,	Inspe	CTION & OVERHEAD	(5.5%)		•	-	j -	-	780
TOTAL REQUES				•	•	-	-	-	15,000
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIAT:	O	NS	-	- (NC	N-ADD)	(369,080)

Prive story steel frame obtilizing, pile foundation, concrete floors and roof on cellular metal decking, masonry walls, demountable and sliding interior partitions, computer flooring, air conditioning and process cooling, compressed air system, security and fire alarm systems, fire protection system, inert gas system, elevator, grounding and lightning protection systems, utilities.

11.REQUIREMENT: 291,170 SF. ADEQUATE: 200,170 SF. SUBSTANDARD: 0 SF. PROJECT: Provides an operational trainer facility. (New mission.)
REQUIREMENT: The Seawolf SSN-21 class submarine will be coming on line in 1994 with unique systems on-board. Personnel must be trained in the operation and maintenance of these systems to ensure effective utilization before the first submarine is commissioned. The SSN-21 training is a new requirement involving new facilities, increased staff, and students.

CURRENT SITUATION: No existing space is available for this new training mission as all spaces are fully occupied with current training tasks. The SSN-21 training will be concurrent with all existing training.

IMPACT IF NOT PROVIDED: This activity will be unable to provide operations and maintenance training for the new submarine systems. Submarines will deploy without fully trained personnel, jeopardizing fleet readiness potential.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 1 55

1. COMPONENT				2. DATE
NAVY	FY 19_91_MI	LITARY CONSTRUC	TION PROJECT D	
3. INSTALLATION	ND LOCATION		" 	
NAVAL SUBMARI	NE SCHOOL, NE	W LONDON, CONNECT	CUT	
4. PROJECT TITLE				5. PROJECT NUMBER
OPERATIONAL T	RAINER FACILI	TY		P-398
12. SUPPLEME	NTAL DATA:			
a. Esti	imated design	status: (Project	design conform	s to Part II of
		Pacility Planning		
(1)	Status:			
	(a) Date De	sign Started		12-88
		: Complete as of J		
	(c) Date De	sign 35% Complete		7-89
	(d) Date De	sign Complete	• • • • • • • • • • • • • •	<u>6-90</u>
(2)	Basis:			•
		d or Definitive D		YesNo_X
	(b) Where I	Design Was Most Re	ecently Used:	N/A
(3)	Total cost	(c) = (a) + (b) or	(d) + (e):	(<u>\$000</u>)
		tion of Plans and		
		ner Design Costs		
		3t		
	(e) In-hous	se	• • • • • • • • • • • • • • • • • • • •	()
(4)	Construction	n start		
	•		(month and year)
b. Equ:	ipment associa	ated with this pro	oject which will	. be provided
	ppropriations			
			Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	or Requested	(\$000)
Danie Onania	au Muai	ODN + DDM+P	1989, 1992	4,400
Basic Operate	or Trainer nce Trainers	OPN & RDT&E OPN & RDT&E	1989-1993, 1	•
Team Trainer	we ridiliers	OPN & RD: 4E	1996	104,000
Ten Various	Trainers	OPN	1990-1992	10,180
			TOTA	

NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE		
. INSTALLATIO	ON AND LO	CATION		-	4. COMMA	ND			5. AREA CO		
NAVAL RES Washingto			LUMBIA			CE OF THE		COST INDEX			
. PERSONNEL	T —	PERMANEN'	T		STUDENTS	 ;		SUPPORT	ED	Ī	
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
a. AS OF 09/30/88 b. END FY	38	107	3533	0	۰	0	0	0	0	367	
1994	42	107	3947	0	0	0	0	0	0	409	
			7.	INVENTO	ATA DATA	(000)					
c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO' B. PROJECTS I	TION REGI TION INC N NEXT TI DEFICIEN FAL	UESTED IN LUDED IN HREE PROG	THIS PRO FOLLOWING RAM YEARS	GRAM PRDGRAM				50,200 9,800 12,220 0 29,190 37,890			
CATEGORY CODE		PROJECT	TITLE			JOOPE		:OST 8000:	DESIGN .		
	ECTRO-OP	TICS RESE					SF			01/90	
B. MAJOR NONE	TOTAL PLANNED I	_	E YEARS:			80,000	SF	12,220			
area medi phys rese equi lead	activity s of scie cine and ical scie arch and pment, te	y 15 a mu ence and weapons. ences and developm ehoniques ory in el	lti-disci technolog The lab related ent direc and syst	y of int oratory fields w ted towa ems. In	laborator erest to nas its p here it c rds new a addition because o	the Navy; rimary mi onducts s nd improv , this ac	excepti ssion in cientifi ed mater tivity i	ons are the constant of the co			
1. OUTSTANDI	TION ABA	TEMENT		FICIENCI	ES: (\$0 1,2 1,1	oo					
B: INSTA	LLATION ATIONAL :	SAFETY AN		(OSH):	•	Ö					

1. COMPONENT NAVY	FY 1	9 91 MILITARY CO	TRAC	RUC	TIO	N PR	DJECT DA	TA 2. 0	ATE	
3. INSTALLATION A NAVAL RESEAR WASHINGTON,	CH LAB	-	1	PROJECT TITLE ELECTRO-OPTICS RESEARCH LABORATORY						
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	TNU	MBER	8, PROJ	ECT COST (\$000)			
0605896พ		310.17		P-11	<u> </u>		9	,800		
<u> </u>		9. CC	ST E	TIMA	TES					
		ITEM				U/M	QUANTITY	UNIT	COST (\$000)	
BUILDING A BUILT-IN E TECHNICAL SUPPORTING F ELECTRICAL MECHANICAL PAVING AND SUBTOTAL CONTINGENCY TOTAL CONTRA SUPERVISION, TOTAL REQUES	DDITIO QUIPME OPERAT ACILIT UTILI SITE (5%). CT COS INSPE	ING MANUALS IES TIES IMPROVEMENT IMPROVEMENT IMPROVEMENT IMPROVEMENT	(5.	5%).	•	SF LS LS LS LS 	50,000 50,000 - - - - - - - - - - - - - - - - -	133.00 - - - - - - - - - - - - - - - - - -	8,120 (6,650) (1,300) (170) 730 (290) (220) (220) 8,850 440 9,290 510 9,800 (0)	

Two-story steel frame and masonry building addition, pile foundation, concrete floors, built-up roof, vibration-isolated flooring, dust and environmental controls, electromagnetic shielding, secret compartmented information facility construction, clean rooms, computer flooring, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 52,430 SF. ADEQUATE: 2,430 SF. SUBSTANDARD: 0 SF. PROJECT: Provides state-of-the-art optics and electro-optics research facilities. (Current mission.)

REQUIREMENT: Basic research and development in fields of optics and electro-optics having potential for direct military applications. Includes fiber optics, laser weaponry, and focal plane arrays for space and aircraft surveillance systems, optical countermeasures, and undersea surveillance. The Naval Research Laboratory must respond in a timely fashion to rapid changes in technology and to the constant evolution of military requirements. Special compartmented vaults, secure laboratories, and shielded rooms are required for the execution of several highly classified projects.

CURRENT SITUATION: The pre-1941 facility assets utilized today are designed in a manner to make adaptation to modern research techniques economically impossible. They were designed without the necessary dust, noise, temperature, vibration, and humidity controls required during research.

. COMPONENT	1		12. UATE
NAVY	FY 1	9 91 MILITARY CONSTRUCTION PROJECT D	ATA
. INSTALLATIO	ON AND LOCA	ATION	
		DRATORY, WASHINGTON, DISTRICT OF COLUMBI	A. PROJECT NUMBER
. PROJECT TIT	FE		S, PROJECT NOMBER
ELECTRO-OP	TICS RESI	EARCH LABORATORY	P-115
11. REOUI	DEMINIO.	(Combinue &)	
CURRENT SI		(Continued) (Continued)	
		oppages are frequent and the inability t	o perform
certain ex	periments	s is reaching a critical level, keeping	the Optical
		rom carrying out its mission.	-
		IDED: Continued operations in inadequate	
contribute	to lost	efforts and jeopardize the quality and	timeliness of
		s in the research and development of opt cal important developmental projects in	
		nce, fiber optics, space surveillance, d	
		cal countermeasures, will not be able to	
		ic breakthroughs may not be realized or	
substantia	lly delay	/ed.	-
12. SUPPL	emental (DATA:	
		design status: (Project design conform 1190, "Facility Planning and Design Guid	
,	l) Statu	15.	
,	(a)	Date Design Started	11-88
•	(b)	Percent Complete as of January 1990	
	(c)	Date Design 35% Complete	
	(b)	Date Design Complete	1-90
(2) Basis	3:	
	(a)	Standard or Definitive Design:	YesNo_X_
	(p)	Where Design Was Most Recently Used:	N/A
(3) Total	i cost (c) = (a) + (b) or (d) + (e):	(\$000)
-	(a)	Production of Plans and Specifications.	(580_)
	(b)	All Other Design Costs	(200)
	(c)	Total	
	(ā)	Contract	
	(e)	In-house	(100_)
(4) Const	ruction start	1-91
			(month and year)
b. E	au i naer t	associated with this project which will	he provided
		associated with this project which will lations: None.	. ne broatded
	wal-sale;		

IT. COMPONENT		FY	1991 MIL	ITARY CO	ONSTRUC	TION PRO	GRAM	1	. DATE		
3. INSTALLATIO	ON AND LO	CATION			4. COMMAI	ND .		1 5	AREA C	ONSTR.	
NAVAL AIR CECIL FIE						NDER IN (.87		
6. PERSONNEL STRENGTH		PERMANEN'	Т		STUDENTS			SUPPORTE	RTED		
R. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	TED CIVILIAN OFFICER E		ENLISTED	CIVILIAN		
09/30/88 b. END FY 1994	900	8300	1240	55 55	425 425	0	3	71	0	10944	
		8450		التسل	RY DATA (1,144	
a. TOTAL ACR b. INVENTORY C. AUTHORIZA C. AUTHORIZA d. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOT 8. PROJECTS R	TOTAL ASTION NOT TION REGION INCIDENT TO THE TERMINATION INCIDENT TO THE TERMINATION OF T	YET IN II DESTED IN LUDED IN I HREE PROGI	THIS PROFOLLOWING	GRAM PROGRAM			1	94,660 11,730 4,010 0 4,400 09,420 24,270			
CATEGORY CODE		PROJECT	TITLE	_		SCOPE		95T		STATUS COMPLETE	
171.20 CE	NTRIFUGE NITARY WE TOTAL	TRAINER ETWTR SYS	UPGRD			8,700 S	SF	2,010 2,000 4,010	04/89	05/90	
	PLANNED P T ENGINE	NEXT THRE!	E YEARS:			5, 90 0 !	Ş.F.	4,400			
\$upp((S-3	tlantic ! ort for !), and 10	FUNCTIONS Fleet Mass all east of G carrier ast suppor	ter Jet s coast car -based li	rier base ght attac	d anti-si k squadri	ubmarine ons. Cec	warfare	aircraft			
B: INSTA	TION ABAT		DN			20					

DD FORM 1390 1DEC76

1. COMPONENT	FY 1	9 <u>91</u> MILITAR	Y CO	NSTE	RUC	TIC	N PR	OJECT DA	TA 2.	DATE
3. INSTALLATION A	ND LOC	ATION .				4, P	ROJECT	TITLE		
NAVAL AIR STA	TION,									
CECIL FIELD.	FLORI	DA				1 (ENTR	IFUGE TRA	INER	
S. PROGRAM ELEM	ENT	6. CATEGORY COD	E	7. PR	DIEC	TNL	MBER	B. PROJ	ECT COST	(\$000)
0204696N	· · · · · · · · · · · · · · · · · · ·	171.20			-21/2				2,010	
			9. CO	T 887	IMA'	TES				
_		ITEM					U/M	QUANTITY	COST	COST (\$000)
CENTRIFUGE TP	AINER				•	$\overline{\cdot}$	SF	8,700	127.00	1,110
SUPPORTING FA	CILIT	IES				•]-	_	-	710
SPECIAL CON	ISTRUC	TION FEATURES				•	LS	_	-	(300)
UTILITIES.						•	LS	-	-	(210)
PAVING AND	SITE	IMPROVEMENT.			•	•	LS	-	-	(200)
SUBTOTAL	• • •		• •	• • •	•	•	-	-	-	1,820
CONTINGENCY (• •	• • •	•	•	-	i -	-	90
TOTAL CONTRAC			• •	• • •	• •	•	-	-	-	1,910
SUPERVISION,			RHEA	0 (5.	. 5%).	-	-	-	100
TOTAL REQUEST			• •	• • •	•	•	-	-	<u> </u>	2,010
EQUIPMENT PRO	AIDED	FROM OTHER A	PPRO	PRIA	101	NS	-	- (NON-ADI	0) (0)

High gravity-level centrifuge for human passengers in a cylindrical room with reinforced concrete foundation, pit and tunnel; peripheral rooms for control, observation, briefing and debriefing, medical emergency, equipment maintenance, storage, changing rooms, restrooms; uninterruptible power source (UPS) backup interface, Halon fire suppression, air conditioning with humidity control, fire protection and alarm systems, utilities.

11. REQUIREMENT: 8,700 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a centrifuge trainer for aircrews. (New mission.)

REQUIREMENT: Centrifuge training to prepare aircrews of high performance aircraft for high gravity (G) turns during maneuvers. High performance aircraft such as the F/A-18 are capable of high acceleration which includes high G-force rates and sustains G-levels which exceed aircrew physiological tolerances. Pilots have crashed and died during training flights after passing out during violent, high-speed turns. This blacking-out is referred to as G-LOC, or gravity-induced loss of consciousness. G-LOC occurs just beyond 5-G's. Today's aircraft can subject its pilot to 10-G's almost instantly. Current G-suits can keep a pilot conscious to about 7-G's by applying pressure to the limbs and keeping the blood in the head and upper body. To combat G-LOC, the military is developing new G-suits, helmets, and posture and breathing techniques. To train aircrews in these techniques and to test the new suit and helments, the Navy is planning

1. COMPONEN	7		2. DATE
YV4N		FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLAT	ION AN	ID LOCATION	
		CION, CECIL FIELD, FLORIDA	
4. PROJECT TI	TLE		S. PROJECT NUMBER
CENTRIFUG	E TRA	INER	P-212
construct Studies h centrifug	ion c ave v	NT: (Continued) of two centrifuge training facilities at its is realized the effectiveness of training aircreases.	ews on the
to ward o anti-G st setting. of the G- centrifug gondola c might be straining IMPACT IF aircrews classroom	ff loraini Howe LOC s e can an be exper mane NOT for h	PION: The anti-G straining maneuver is a techniss of periferal vision and G-LOC during high ang maneuver is explained to aircrews in a claver, there is no realistic substitute to actionsation and combating it under high G-force provide a very realistic simulation of these positioned a variety of ways and G-forces of the provide in an actual aircraft to train aircrementary while under G-load. PROVIDED: No other training method is effectigh G-rates and high G-levels. The present instruction does not adequately prepare the of high-G exposure and the problems its cause.	G turns. The assroom ual experience conditions. A e forces. The an be applied as ws on the anti-G tive in training method of aircrews for
-		•	
		TAL DATA:	
		ated design status: (Project design conform	
Military	Handb	ook 1190, "Facility Planning and Design Guid	e.")
	(1)	Status:	
	1 ± /		•
		(a) Date Design Started	
		(c) Date Design 35% Complete	******
		(d) Date Design Complete	
			
	(2)	Basis:	
			Yes No X N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a) Production of Plans and Specifications.	()
		(b) All Other Design Costs	· · · · · · · (*)
		(c) "otal	
		(d) Contract	
		(e) In-house	· · · · · · · · (<u>*</u>)
	(4)	Construction start	4-91 month and year)
		ment associated with this project which will ropristions: None.	
* One-s	tep s	Ource selection	

1. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	:	2. DATE	
NAVY 3. INSTALLATIO	N AND 45	CATTON			4. COMMAI	JD.			5. AREA C	ONCTR
3. INSTALLATIO	IN AND LL	CALIUN			- CUMMAI	10		1:	COST	
NAVAL AIR JACKSONVI						ANDER IN (.87		
6. PERSUNNEL STRENGTH		PERMANEN'	T		STUDENTS			SUPPORT	ED	TOTAL
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
09/30/88 b. END FY	1055	6130	2500	224	425	•	43	245	0	10622
1994	1015	5936	2500	65	423	0	43	245	•	10227
A. TOTAL ACR				INVENTO	6,450)	10001			 	
b. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOT B. PROJECTS R	TOTAL ASTION NOT TION REQUIRED INC. TO NEXT TO DEFICIE!	YET IN II DESTED IN LUDED IN I MRFE PROGI	NVENTORY THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM			1	33,540 13,620 9,100 6,200 14,000 02,040 78,500		
CATEGORY		Dec 1557	*. *. *			2000		OST		STATUS
	TT-SHE W	PROJECT ARFARE TRI				30,310 :		2,800	11/88	COMPLETE 01/90
		SYSTEM I				LS		6,300 9,100	04/89	
9. FUTURE PR	DUECTS:									
A. INCLUDE 131.50 TR						44,100	SF	€,200		
B. MAJOR F	PLANNED P		E YEARS:			LS		€,000		
171.20 A/0		T EQUIP TO	RNG BLD			LS 7.200	LF	6,600 1,400		
(ASW) Squad a Nav	activity) squadro drons (Sh /al Hosp	y is home ons (P-3) H-3/SH-60 Ital.	and all (F), Prov	east coa: ides sup	st carries port to ti Nava	n-based A: ne Naval /	SW helic Aviation n Depot	opter Depot a	nd	
Two I	Teet Rea	ed ASW Squ er ASW Squ adiness Sc	duadrons			l Air Resi I Regiona				
	TION ABAT	TEMENT Restorati	ON			<u> </u>			-	

1. COMPONENT FY	FY 19:91 MILITARY CONSTRUCTION PROJECT DATA						. DATE	
			4. PROJECT TITLE					
NAVAL AIR STATION,			ANTI-SUBMARINE WARFARE TRAINING FACILITY					
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC				S. PROJECT COST (8000)		
0204696N	171.35	P-17	P-174			2.800		
9. COST ESTIMATES								
ITEM				U/M	QUANTITY	UNIT		
ANTI-SUBMARINE WARFARE TRAINING FACILITY APPLIED INSTRUCTION TRAINER. SUPPORTING FACILITIES. UTILITIES, PAVING AND SITE IMPROVEMENT SUBTOTAL CONTINGENCY (5%) TOTAL CONTRACT COST. SUPERVISION, INSPECTION AND OVERHEAD (5.5%) TOTAL REQUEST. EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS)	SF SF - LS	30,310 30,310 - - - - - - - (NO	76.0	240 (<u>240</u>) 2,530 <u>130</u> 2,660 <u>140</u> 2,800	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One one-story precast concrete frame building, spread footing foundations, concrete floor, tilt-up precast concrete panel walls, single membrane roofing on precast roof system, fire protection system, air conditioning, utilities; security system.

11. REQUIREMENT: 30,310 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides classroom and training facilities to familiarize, indoctrinate, train and refresh personnel in the operational and tactical employment of equipment and flight systems of the P-3 Anti-submarine Warfare (ASW) aircraft. (Current mission.) REQUIREMENT: Adequate and properly-configured facilities to accommodate the Fleet Aviation Specialized Operational Training Group (FASO) and the Naval Air Maintenance Training Group Detachment (NAMTGD). The new facility will house \$16 million of trainers to be delivered in 1992. Jacksonville is the homeport for six deployable P-3 ASW squadrons, one Naval Reserve Force P-3 squadron, and the only east coast P-3 Fleet Readiness (training) Squadron. The P-3C joined the Navy's ASW forces starting in 1969 and has been updated several times to improve its ability to process more data faster. The Navy is planning a major systems improvement program for the P-3 and has designated it P-3C Update IV. This project is specifically designed to train personnel in maintenance of the aircraft's tactical employment of weapons systems. The P-3C Update IV will utilize the same

(Continued on DD 1391c)

DD1 FORM 1391

PREVIOUS EDITIONS MAY RE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

205

1. COMPONENT		10 0000
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	DATA 2. DATE
3. INSTALLATION	AND LOGATION	
	ATION, JACKSONVILLE, FLORIDA	
4. PROJECT TITLE		S. PROJECT NUMBER
ANTI-SUBMARI	NE WARFARE TRAINING FACILITY	P-174
airframe, but and new avious ubmarine terms being the property of the property	MENT: (Continued) It will be updated with advanced sensors, on-both it will be updated with advanced sensors, on-both incomplets to enable it to keep pace with the advance chnologies such as quieting. Updated systems by to detect and track new generation submarine et battle group commander and the improved ASP geonstructed; and to process sensor, communicate received from many sources. Aircrews must se new systems to fully utilize their ASW poted ATION: Jacksonville has been tasked to providurently all P-3 training spaces are fully utilized their action. P-3C Update IV training will require 3C trainers will be required as long as older the squadrons. Complete transition is not expect the squadrons. Complete transition is not expect the squadrons of the squadrons. ANATGD is mission dered for training aircrews. NAMTGD will not tenance training to keep critical avionics companies to the only east coast facility to provide the squadrons of the only east coast facility to provide the squadrons of the only east coast facility to provide the squadrons of the only east coast facility to provide the only east coast fa	ces being made in will improve the es; to communicate N operations cation, and to the trained to ential. de P-3C Update IV illized for older enew trainers. P-3C's are pected until the ly incapable of ort spaces for n will be be able to mponents
12. SUPPLEM	ental data:	
	imated design status: (Project design conformated design status: Planning and Design Guid	
(1)	(a) Date Design Started	
(2)	•	** *** W
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes NO X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	250 (<u>210</u>) (<u>40</u>)

DD 1 DEC 76 1391C

1. COMPONENT				2. DATE
NAVY		ITARY CONSTRU	CTION PROJECT D	ATA
3. INSTALLATION A	IND LOCATION	· · · · · · · · · · · · · · · · · · ·		
	TION, JACKSON	VILLE, FLORIDA		
4. PROJECT TITLE				S. PROJECT NUMBER
ANTI-SUBMARIN	E NARFARE TRA	NING FACILITY		P-174
12. SUPPLEME	INTAL DATA: (Co	ontinued)		
(4),	Construction	stert	•	12-90 month and year)
	ipment associations:	ced with this pr	oject which will	be provided
			Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature	<u> </u>	Appropriation	or Requested	<u>(\$000)</u>
P-3C Update I Maintenance and associat		APN	1989 - 1993	16,000
				-
				-
				•
		•		

1. COMPONENT									2. D	ATE
NAVY	FY 1	9 <u>91</u> MILITARY CO	NSTRUC	TION	I PRO	DJE	CT DAT	ΓΑ		
3. INSTALLATION A	AND LOC	ATION		4. PR	OJECT	TITE	E			
NAVAL AIR STA				1			ER SYS	TEM		
JACKSONVILLE,		Tha			APRO			I CM		ļ
5. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC				8. PROJE	CT CO	ST (1000)
		1				- 1				
0204696N		831.10	P-1	188			6	.300		1
020403011			T ESTIMAT					-300		
·				7		_		UN!	- 1	COST
		ITEM		1	U/M	QUA	NTITY	COS		\(\$000)
WASTEWATER SY	YSTRM :	IMPROVEMENTS		.	LS	\vdash				5,690
SUBTOTAL]	_	ĺ	_	_		5,690
CONTINGENCY				: 1	_		_	_	- 1	280
		r		.	_		_	_	- 1	5,970
		CTION & OVERHEAD		:	_		_	_	ļ	330
		• • • • • • • •			_			l -		6,300
EQUIPMENT PRO	OVIDED	FROM OTHER APPRO	PRIATION	NS	_	1	- (NON-A	ADD	(0)
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10. DESCRIPTION O	FPROPO	SED CONSTRUCTION			L	-				
Two electro-c	chemic:	al heavy metal re	moval s	vster	מנו מ	its	. one	react	tor	1
		obic digester, sl	-	_						na.
		As Required.	uugu ux	7 4119			iii pau		<u> </u>	
_		major upgrades o	f the de	ame e i	ric .	and	indus	tria'	د سا	
		(Current mission.)		Jilles		allu	Indus	CL Id.		15 Ce
_		uate and proper fa						6 1		1
		National Polluta								(NDDES)
Permit.	ar cue	Mac.toliat Political	IIL DISC	iary	e pr	TINT	Idcion	Jy S	cem	(MEDDS)
	AMTON.	Puisting trants							E E 1 .	
limits requir		Existing treatments	ent lac.	rrrey	y do	es i	ior we	et e	LII	zent
-	-	IDED: Permit vio	1-64	2 -1	S					
		n of the wastewate								
		act station missi		CHETT	C PI	anc.	. 3114	t-40	711 \	or prant
Modifi directi	ra rmbe	acc scatton missi	OHS.							i
12. SUPPLEME	ENTAT. 1	NATA •								
		design status:	/Broiss	- 3.			forme	to 1	D = -	
									Fai	. 11 01
willcary usuc	3000K .	1190, "Facility P	rannıng	and	ves	ığn	antae	•)		
/11	GL - 4 :									
(1)										400
		Date Design Star							_	
	(b)									
		Date Design 35%								
	(d)	Date Design Comp.	lete							
				((Cont	inue	ed on	DD 1	391	c)

DD1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	
3. INSTALLATION	NO LOCATION	
NAVAL AIR ST	ATION, JACKSONVILLE, FLORIDA	
4. PROJECT TITLE		S. PROJECT NUMBER
WASTEWATER S	YSTEM IMPROVEMENTS	P-188
12. SUPPLEM	ENTAL DATA: (Continued)	
(2)		
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>70</u>) (<u>370</u>) (<u>325</u>)
(4)	Construction start	12-90 (month and year)
from other a	ppropriations: None.	

DD 1 DEC 76 13916

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	i i							i	2. DATE	
NAVY		FY	1991 MIL	TARY C	ONSTRUC	TION PRO	GRAM			
3. INSTALLATIO	N AND LO	CATION			4. COMMAI	1 0			5. 'REA CO COST I	
NAVAL HOSI JACKSONVII		RIDA			NAVAL . COMM	MEDICAL			.87	
6. PERSONNEL STRENGTH		PERMANENT	· · · · · · · · · · · · · · · · · · ·		STUDENTS	· · · · · · · · ·		SUPPORT	ED	11
a. AS OF	OFFICER	EMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END FY	330	734	250	۰	٥	0	0	٥	0	1314
1994	374	720	250	٥	0	0	0	0	<u> </u>	1344
		 	7.	INVENTO	RY DATA H	(000)			·	
a. TOTAL ACRI b. INVENTORY C. AUTHORIZA' d. AUTHORIZA' f. PLANNED II g. REMAINING n. GRAND TOT 8. PROJECTS R CATEGORY COPE	TOTAL AS FION NOT FION REQUIRED INCOMINGS NEXT TO DEFICIENTAL	YET ÎN II JESTED IN LUDED IN I REE PROGI NCY	VVENTORY. THIS PROFOLLOWING FOLLOWING RAM YEARS. PROGRAM:	BRAM PROGRAM				13,770 18,600 840 0 400 33,710	DESIGN START	STATUS
	ICAL WAS	REHOUSE A		* -	 -	LS		9-10	06/89	06/90
Mari: auth	PLANNED P	FUNCTIONS Stient and personne	E YEARS:	1 Uniform	th care fo med Servi tal Jackso	es perso	nnel, an	d other		
11. QUTSTANDI A: POLLU B: INSTAI C: OCCUP	ION ABAT	FEMENT VESTORATIO SAFETY AND	ON HEALTH		<u>es</u> : (<u>80</u>	(20) (C) (C) (C)	·.			

	INSTALLATIO	N AND LO	CATION			4. COMMAN	vo ov			S. AREA CO	
	NAVAL AIR		•		•		Ander in (COST I	NDEX
_	KEY WEST,	FLORIDA					TIC FLEE	T		1.05	
	PERSONNEL STRENGTH		PERMANEN			STUDENTS			SUPPORT		TOTAL
B.	AS OF	OFFICER	SHLISTED	CIVILIAN	OFFICER	MEISTED	CIVILIAN	OFFICER	EPALISTED	CIVILIAN	ļ
٠.	00/30/88 END FY	240	2030	450	10	36	•	1	56	•	2825
	1984	240	2050	450	•	25	0	<u>'</u>	50		2829
	TOTAL ACR			7.		RY DATA (1					
	INVENTORY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GRAND TOT	TION NOT TION REQL TION INCL N NEXT TH DEFICIEN TAL	YET IN II JESTED IN LUDED IN (MEE PROGI VCY	THIS PROF THIS PROF FOLLOWING FAM YEARS	ZRAM				12,460 11,220 7,000 0 0 14,400 45,080		
	PROJECTS R	EQUES I ED	IN INTS	PRUUKAM;				· ci	35 T	DESIGN	STATUS
	A1.41 JM	T AID DEC	PROJECT				SCOPE LS	(5	4,900	START 04/89	COMPLETE OS/90
•			UNIT FAC	N AGEN			28,560	SF	3.000 7.000		09/88
) .	A. INCLUDE NONE	ED IN FOL							7.000		
	A. INCLUDE NONE B. MAJOR I NONE MISSION OF MAIN USING Provided forward Two Goas	PLANNED N R MAJOR P tains and s tactics ides wate inties for ard deplo aircraft t Guard L	FUNCTIONS J operate al aircrai prifront so or up to i symmat. I squadrons inits (fi	E YEARS: I an air : It exercis Inport for Ive surf: Isjor uni: I (30 aire I (30 cutter)	sing in ' r a patro ace combo ts suppoi craft)	SES) US	pean Sea PHM) squa prating 1 Ude: ir Force Forces C	and in ti dron and n the are Air Defer aribbean	gnt cruw ne Gulf. Derthin sa on	•	
5.	A. INCLUDE NONE B. MAJOR INONE MISSION OF MAIN USING Prover facility forms one in Nava	PLANNED N PLANNED N PLANNED N R MAJOR F Rains and g tactica idex wate lities for Rrd depic aircraft t Guard L PMM Squard I Intelli	FUNCTIONS JOPERATE PERSONNELL PER	E YEARS: I an air if exercis In exercis In exercis In exercis In on air In on air In outlers Ships) Security I	sing in r a patro ace combi ts suppor craft) s & three Detachmen	the Caribi ol Ship (I stants operted inclu A s SES) US Mi	pean Sea PHM) squa prating 1 Ude: ir Forces C forces C edical Cl	and in ti dron and n the are Air Defer aribbean	gnt cruw ne Gulf. Derthin sa on	•	
5.	A. INCLUDE NONE B. MAJOR I NONE MISSION OF MAIN USING PROVING TO COMME TO	PLANNED N R MAJOR P Rains and Stains and Stains and Stains and Stains and Stains and Intellight R Guard L	FUNCTIONS JOPERATE PERSONNELL PER	E YEARS: I an air: It exercit Import for It exercit Import for It exercit Import for It exercit Import for It exercit Import for Import fo	sing in r a patro ace combi ts suppor craft) s & three Detachmen	the Caribi ol Ship (I stants operted inclu A s SES) US Mi	pean Sea : PHM) squa erating 1: ude: ir Force : Forces C: edical C1	and in ti dron and n the are Air Defer aribbean	gnt cruw ne Gulf. Derthin sa on	•	
	A. INCLUDE NONE B. MAJOR I NONE MISSION OF MAIN USING PROVING TO COMME TO	PLANNED N R MAJOR P Rains and Stains and Stains and Stains and Stains and Stains and Intellight R Guard L	FUNCTIONS J operate a from or up to symmat. If squadron Juitz (fix aron (six igence & !	E YEARS: I an air: It exercit Import for It exercit Import for It exercit Import for It exercit Import for It exercit Import for Import fo	sing in r a patro ace combi ts suppor craft) s & three Detachmen	the Caribi ol ship (1) atants ope rtex incli A a SES) US A nts	pean Sea : PHM) squa erating 1: ude: ir Force : Forces C: edical C1	and in ti dron and n the are Air Defer aribbean	gnt cruw ne Gulf. Derthin sa on	•	

1. COMPONENT	FY 1	19.91 MILITARY CO	NSTRUC	TIOI	V PRO	DJECT DAT		DATE
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TITLE		
NAVAL AIR STA	ATION,			E	XPLO:	SIVE ORDN	ANCE D	ISPOSAL
KEY WEST. PLA	ORIDA			_ M	OBIL	E UNIT FA	CILITY	
5. PROGRAM ELEM	ENT	6. CATEGORY CAUS	7. PROJEC	TNU	MBER	8. PROJE	CT COST	(8000)
0204696N	159.64	P-62)		3.	000		
			T ESTIMA	res				
		ITEM			U/M	QUANTITY	UNIT	COST (8000)
EXPLOSIVE OR	DNANCE	DISPOSAL MOBILE	UNIT FA	c.	SF	28,560	80.0	0 2,300
SUPPORTING F	ACILIT	IES			-	-	-	400
SPECIAL CO	NSTRUC	TION FEATURES		•	LS	-	-	(60)
UTILITIES.					LS	-	-	(50)
PAVING AND	SITE	IMPROVEMENT, DEMO	LITION.	•	LS	-	-	(290)
SUBTOTAL				•	~	-	-	2,700
CONTINGENCY	(5%) .			•	-	-	-	140
TOTAL CONTRA					-	-	-	2,840
		CTION AND OVERHEA	D (5.5%).	-	-	-	160
TOTAL REQUES			• • • •		-	· - ,		3,000
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NON-AD	D) (0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame stuccoed concrete masonry-unit building, grade beam and pile foundation, concrete floors, built-up roof on steel bar-joist system, security fencing and lighting; fire protection system, air conditioning, utilities; demolition of two buildings.

11. REQUIREMENT: 28,560 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a waterfront operations, maintenance, and administration building to support an Explosive Ordnance Disposal (EOD) Mobile Unit. (New mission.)

REQUIREMENT: Adequate and properly-configured secure facilities to accommodate EOD Mobile Unit Four, an entirely new Navy organization scheduled to be established in the Key West area at the old Truman Annex. Initially, this unit will have a staff of 63 officers and enlisted personnel, with plans to increase to a full staff of 161 by 1990. This project will accommodate the full staff, operational craft, marine systems, and administrative needs of the mobile unit. The primary mission of EOD units is to provide shore activities and forces afloat with highly skilled personnel trained in the delicate art of explosives disarmament and disposal. The function of the units is to deal with any type of explosive ordnance that could be encountered in action against an enemy, as well as Navy ordnance that is mishandled or defective. The mobile unit will be a specialized group to assist Naval activities in the southern U.S. and in the Caribbean area.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

AGE NO.

21:

NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
NAVAL AIR ST	ATION, KEY WEST, FLORIDA	
4. PROJECT TITLE		5. PROJECT NUMBER
EXPLOSIVE OR	DNANCE DISPOSAL MOBILE UNIT FACILITY	P-620
This unit wi underwater e authorities, and developm Center Marin coast mobile at San Diego Virginia wer be establish detachments CURRENT SITU this activit facilities a unit. These the mobile u facilities t project is compact IF No	MENT: (Continued) Il also participate in mine warfare exercises, kplosive ordnance reconnaissance training for assist the U.S. Secret Service, and participa ent projects including support of the Naval Oce e Mammal Research effort. Establishment of the unit will parallel the highly successful west. Facilities for Mobile Unit Two at NAB Little e successfully programmed in FY 1985. Other Med in the future as the program to replace the with regional, more capable Mobile Units proce ATION: The small four-man EOD detachment form by has been replaced by the much larger mobile re being prepared and used at the Truman Annex temporary facilities will provide half the spend on make them capable of accommodating the unit completed. Tempovided: The new mobile unit will not have affigured facilities to accommodate the full st	civil ate in research cean Systems is second east coast program e Creek, abile Units will esmall eds. herly serving unit. Interim for the new bace required for aded on these until this e adequately
people and a	ll its equipment, small craft, and administrat t of marine mammal systems and mine countermea	ive items.
at this stra	tegic location will be hindered.	- ·
+	ENTAL DATA:	
	imated design status: (Project design conform Boook 1190, "Facility Planning and Design Guid	

(1) Status:

(b) Percent Complete as of January 1990..... 100 (c) Date Design 35% Complete..... 3-89 (d) Date Design Complete..... (2) Basis:

(a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:

Yes N/A (3) Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications.... 185) (b) All Other Design Costs..... 125) (c) Total..... 310 270) (d). Contract..... (e) In-house.....

(4) Construction start..... (month and year)

b. Equipment associated with this project which will be provided from other appropriations: None.

DD 1 500 7. 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

2. DATE

1. COMPONENT	FY 1	19_91 MILITARY CO	NSTRUC	TION	I PR	OJECT DA		2. DATE	
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TITLE			\neg
NAVAL AIR ST	ATION.	•			OINT	AIR REC	NNA T	SSANCE	
KEY WEST. FLA	•					OL CENTE		-	
S. PROGRAM ELEM		S. CATEGORY CODE	TNUN				ST (\$000)		
]
0204696N		141.41	p-	636		- 1 .	4.000		
			T ESTIMAT				11.777		
		ITEM			U/M	QUANTITY	COS		
JOINT AIR RE	CONNA I	SSANCE CONTROL CE	NTER AD	DN	LS	-	-	3,6	10
SUBTOTAL	• . •			. 1	-	-	-	3,6	10
CONTINGENCY	(5%) .			. 1	-	-	i -	10	80
TOTAL CONTRA	CT COS	T		.	-	-	-	3,79	90
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).		-	i -	-	2;	10
TOTAL REQUES	r				-	-	-	4,0	<u>oo</u>
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	-	(NON-	ADD) (0)
16. DESCRIPTION O	F PROPC	SED CONSTRUCTION							

Steel-frame building addition to match existing, concrete foundation and floor, masonry walls, built-up roof, computer flooring, fire protection system, air conditioning, utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides an addition to the Joint Air Reconnaissance Control Center Key West to allow expansion of mission and additional space for air surveillance and control equipment. Provides facilities in support of remote surveillance radar and communication equipment to be installed at the Naval Station, Guantanamo Bay, Cuba. (Current mission.) REQUIREMENT: Improve air surveillance coverage and air traffic control in the Gulf of Mexico and the Caribbean Sea. The Joint Air Reconnaissance Control Center is located at the Naval Air Station, Key West. It is a joint military-civilian operation with FAA providing air traffic control services to civilian air traffic in the region. The military functions are performed by Navy and Air Force personnel and report directly to the Unified Commander, Commander in Chief, Atlantic. The military mission includes monitoring all traffic, both military and civilian, in the ocean areas south of Florida. This includes monitoring Cuban and Soviet air traffic. It provides air traffic control to military aircraft training in the surrounding off-shore ranges. New missions include the monitoring of potential drug-traffic entering U.S. airspace from Latin America. An addition to the control center is required to accommodate this new (Continued on DD 1391c)

DD 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

217

I. COMPONEN	VT	01		2. DATE
NAVY	1	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLA	TION A	ND LOCATION		
NAVAL AT	R STA	TION, KEY WEST, FLORIDA		
4. PROJECT T			S PROJE	CT NUMBER
4. FRQ4861 1	1166	1	J	0
JOINT AL	REC	ONNAISSANCE CONTROL CENTER ADDITION	1	P-636
11. REQU	JIREM	ENT: (Continued)		
workload.	. Add	ditional remote radar and communications feci	lities	are
		uantanamo Bay to expand the coverage of regio		
		Caribbean Sea. Utility work and building ren	ovation	ns will
also be i				
		<u>FION</u> : There is no space in the control cente rkload generated by the new military responsi		
		he center in the war against drugs. Surveill		
		ying drugs cannot be adequately performed wit		
		and the addition of remote and more powerful		
	_	ractical data link of air surveillance inform		
		Guantanamo Bay to the Joint Air Reconnaissanc	e Cont	rol Center
located i				Mb a sa
		<pre>PROVIDED: Surveillance cover will not be ex aces for expanded functions and new equipment</pre>	-	
		ntribution to the drug war in the region will		
full pote		_		
12. SUPE	LEME	WTAL DATA:		
a.	Esti	mated design status: (Project design conform	s to P	art II of
Military	Handl	book 1190, "Facility Planning and Design Guid	e.")	
	(1)	Status:		
	\-/	(a) Date Design Started		. 4-89
		(b) Percent Complete as of January 1990		. 45
		(c) Date Design 35% Complete		
		(d) Date Design Complete	• • • • •	· <u>5-90</u>
	(2)	Basis:		
		(a) Standard or Definitive Design:	Yes	No X
		(b) Where Design Was Most Recently Used:	N	<u>/A</u>
	(3)	Total cost (c) = (a) + (b) or (d) + (e):		(\$ 000)
		(a) Production of Plans and Specifications.	• • • • • •	.()
		(b) All Other Design Costs	• • • • •	· (<u>110</u>)
		(c) Total		
		(d) Contract		
		/e: -::_IIAna_e::::::::::::::::::::::::::::::::::::	• • • • •	• • • • • • • • • • • • • • • • • • • •
	(4)	Construction start		4-91
			month	and year)
_	10-in-1-		.	
b.		<pre>pment associated with this project which will propriations: None.</pre>	. De pr	ovidea
Trom orne	P	LroLractors Horiza		

1.	NAVY		FY	1991 MIL I	ITARY C	ONSTRUC	TION PRO	GRAM	1	2. DATE	
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	4D			5. AREA CO	
	FLEET TRA		NTER,				F OF NAVA		G	.87	
6.	PERSONNEL		PERMANENT	· · · · · · · · · · · · · · · · · · ·		STUDENTS			SUPPORT	€D	
_	STRENGTH AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
-	09/30/88 END FY	17	100	2	4	49	0	0	0	0	172
	1994	18	102	2	•	70	0	٥	0	•	200
				7.	INVENTO	RY DATA ((000)				
b c d e f o n	TOTAL ACRI INVENTORY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GRAND TOT	TOTAL ASTION NOT TION REQUIRED INC. NOT TO TO TO TO TO TO TO TO TO TO TO TO T	YET IN IN JESTED IN JUDED IN IN HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM				5.300 0 0 0 0 0 5.300		
c.	ATEGORY CODE		PROJECT	TITLE			SCOPE LS		05 ^T 000: 5,300		STATUS COMPLETE
	A. INCLUDE NONE B. MAJOR 1 NONE										
	elec	ide faci tronic ec ning for	lities for quipment, the opera	anti-sul ship han sting for	dling, n ces of t		, and sea		a		
''	A: POLLU B: INSTAI C: OCCUPA	TION ABA	TEMENT RESTORATIO	DN .	-	<u> </u>	000				
						٠					

DD FORM 1390 1DEC76

L MILITARY CO	ONS	RU		N PH	DIECT DA	TA	
•			Υ.			- 1	
•			4. P	ROJECT	TITLE		·
			1	TIRE I	FIGHTING	TRAINI	1G
MAYPORT, FLORIDA							
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO							(\$000)
179.45		P-16	-168 5,300				
9. CO	ST E	STIMA	TES				
ITEM			_	U/M	QUANTITY	UNIT COST	COST (\$000)
G FACILITY		•	•	LS	-	-	4,250
			•	LS	-	-	(3,000)
BUILDING			•	SF	11,680	88.00	(1,030)
				LS	-	-	(50)
MANUALS				LS	-	-	(170)
			•	-	-	-	530
s			•	LS	_	-	(70)
S			•	LS	-	-	(300)
ROVEMENT			•	LS	_	-	(160)
			•	-	-	-	4,780
	• •	• •	•	-	-	-	240
• • • • • •	• •	• •	•	-	-	-	5,020
on & overhead	(5.	5%).	•	-	-	-	280
• • • • • •		• •	•	-	-	-	5,300
OM OTHER APPRO)PRI	ATIC	NS	-	- (NO	N-ADD)	(4,660)
				ON & OVERHEAD (5.5%)	-		

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Reinforced concrete trainer structure and control building; two-story reinforced concrete frame instruction building, concrete foundation and floors, built-up roof; metal grating over crawl space; fire protection system, air conditioning, utilities; pollution abatement, fuel, water and wastewater treatment storage tanks; burning devices.

11. REQUIREMENT: As Required.

PROJECT: Provides a fire fighting training facility. (Current mission.)

REQUIREMENT: Adequate facilities to train crash and rescue crews as a
team in extinguishing simulated aircraft and crash fires utilizing all
tools and equipment available on an aircraft carrier flight deck.

CURRENT SITUATION: Current oil-fired trainers require an extensive amount
of time and materials for clean-up and restart between training sessions
and are not conducive to team damage control training. The current
trainer does not adequately simulate all potential aviation type fires.

IMPACT IF NOT PROVIDED: Shipboard personnel will not receive proper
classroom and field exposure to actual fire situations and associated
extinguishing agents to meet fleet training needs, and fleet readiness
will continue at its current low level.

(Continued on DD 1391c)

1. COMPONE	NT							2. DATE
NAVY				TARY C	ONSTRU	JCTION PROJECT D	ATA	
3. INSTALL	ATION A	ND LOCAT	ION					
FLEET TI		G CENTE	R, MAYP	ORT, FLO	RIDA			
4. PROJECT	TITLE				-		5. PROJE	CT NUMBER
FIRE FIG	HTING	TRAINI	NG FACI	LITY				P-168
12. SUE	PLEME	NTAL DA	TA:			•		
			_		-	ct design conform g and Design Guid		art II of
	(1)	Status	:					
		(a) D	ate Des	ign Star	ted			11-88
		(b) P	ercent	Complete	as of	January 1990	•••••	100
		(c) D	ate Des	ign 35%	Compre	t e	• • • • • •	· 5-89
		(1)	ate Des	ign com	rece	• • • • • • • • • • • • • • • •	•••••	•
	(2)	Basis:						
							Yes	No X
		(b) W	here De	sign Was	Most 1	Recently Used:	N	/A
	(3)	Total	cost (c	:) = (a)	+ (b)	or (d) + (e):		(\$000)
	• •	(a) P	roducti	on of Pl	Lans an	d Specifications.		$(\frac{170}{})$
						• • • • • • • • • • • • • • • • • • • •		
						• • • • • • • • • • • • • • • • • • • •		
•						• • • • • • • • • • • • • • • • • • • •		
		(6) 1		• • • • • • • •	• • • • • •	• • • • • • • • • • • • • • • • • • • •	••••	. \/
	(4)	Constr	uction	start			1	.2-90
						(month	and year)
b. from oth	-	-		ed with	this p	roject which will	be pr	ovided
	•	•						
-						Fiscal Year		a
Equipme Nomencla				Procuri ppropria	-	Appropriated or Requested		Cost (\$000)
Comencia	Lure		=	PATORITE	icion.	or Keddescer	<u>.</u>	(\$000)
Fire Fig	hting	Traine	r	OPN-BA	7	1993		4,660

1. COMPONENT		P 14	241	1745V 6	ONOTE: 10	710N DD4		2	. DATE	
NAVY	-	FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	JGRAM	:		
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND		i 5	. AREA CO	
NAVAL STAT						ANDER IN (:	.87	MOEX
6. PERSONNEL		PERMANEN	T T		STUDENTS			SUPPORTE	D	Ī
STRENGTH 4. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END FY	1170	15644	1010	42	220	0	79	328	0	18493
1994	1060	15592	1050	48	270	٥	79	328	0	18424
			7.	INVENTO	RY DATA N	(000				
b. INVENTORY c. AUTHORIZA: d. AUTHORIZA: e. AUTHORIZA: f. PLANNEC II g. REMAINING h. GRAND TOT 8. PROJECTS R	TION NOT TION REQUIRED INC. MEXT TO DEFICIE	YET IN II UESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PRO FOLLOWING RAM YEARS	GRAM PROGRAM				53.290 5.420 3.600 13.770 21.800 33.050 30.930	-	
CATEGORY CODE						2000	c	OST	DESIGN	
		AGE TANKS	TILE			.500.000		3,600	11/88	
	TOTAL							3,600		
Squad Helic 1985 28 Cr	LLD CARE LARDOUS ' FER TREAT D WATER TOTAL R MAJOR OUT Will strons (Si copter Sc Major ruisers.	CENTER WASTE FAC: WEMIN FACILITY FUNCTIONS be homepo H 60-8 He Quadrons. units hud destroyei	ILITY interpretation and interp	and is to ies of the at Maypor igates; (f five LAI homeport : he SH-60 i r: includ one destre ing center	for one L Helicopte E two zin Oyer tend	I Helico AMPS Nc r began craft ca	l in rriers;		
11. QUTSTANDIN A: POLLUT B: INSTAL C: DCCUPA	ION ABAT	TEMENT RESTORATIO	ON .			-				

DD FORM 1390 1DEC76

1. COMPONENT	FY 1	9_91 MILITARY CO	NSTRUC	TION	I PRO	DJECT DAT	ΓA 2. 04	ATE
3. INSTALLATION AN	D LOC	ATION .		4. PR	DJECT	TITLE		
NAVAL STATION								
MAYPORT. PLOR	•			147	A TED	STORAGE	TANKS	
S. PROGRAM ELEMEI		6. CATEGORY CODE	7. PROJEC				CT COST (S	(000)
	:		į			İ		
0204796N		841.30	P-83	o		3	.600	
			BT ESTIMAT	TES .				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
		S			GA GA	1,500K		2,330 (1,500)
GROUND LEVE	L WAT	ER STORAGE TANKS CONTROL EQUIPMENT			GA LS	500K	1.30	(650) (180
	-	IES		•	_	-	-	920
SPECIAL CON	STRUC	TION FEATURES		•	LS	-	-	(390)
UTILITIES.				•	LS	-	-	(480
PAVING AND	SITE	IMPROVEMENT, DEMO	LITION.	•	LS	_	-	(50
SUBTOTAL				•	-	-	-	3,250
CONTINGENCY (5%) .			•	-	-	\ -	160
TOTAL CONTRAC				•	-	-	-	3,410
SUPERVISION,	inspe	CTION AND OVERHE	W (5.5%).	-	-	-	190
TOTAL REQUEST				•	-	! -	-	3,600
EQUIPMENT PRO	VIDED	FROM OTHER APPRO	OPRIATIO	NS	-	- (NON-ADD) (0
		SED CONSTRUCTION						

Potable water storage tanks, pile foundations, distribution system reinforcement and improvements, pumping facilities; hardening; utilities; demolition of one building.

11. REQUIREMENT: 2.25 MG. ADEQUATE: 0.75 MG. SUBSTANDARD: PROJECT: Provides two 500,000-gallon elevated and one 500,000-gallon ground-level potable water storage tanks, including pipeline distribution and pumping system, and instrumentation. (Current mission.) REQUIREMENT: Additional potable water storage capacity to meet present operating water pressure demands and to satisfy the fire fighting water requirements of the station. Mayport has experienced significant growth over the past decade. A large, medium-industrial Shore Intermediate Maintenance Activity (SIMA) is now in operation. A new berthing wharf for FFG-7 class frigates is complete. The existing berthing wharfs have been upgraded. A completely new helicopter support complex is nearing completion. Numerous personnel support facilities have been built or are under construction. Five helicopter squadrons and several new ships are now homeported. All these functions, facilities, and users require fresh water for industrial and domestic use and for fire protection. CURRENT SITUATION: Water is supplied to water storage tanks from wells located on the base. Water is treated prior to being stored and distributed. The existing potable water storage capacity consists of 750,000 gallons with 500,000 in one ground storage tank and 250,000(Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 1991 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOGATION	
	N, MAYPORT, FLORIDA	
4. PROJECT TITLE		5. PROJECT NUMBER
water storag	TANKS	P-830
11. REGUIRE	MENT: (Continued)	
	ATION: (Continued)	
gallons in a	n elevated storage tank. The near-term water	
requirement	is 2,250,000 gallons to meet daily industrial	and domestic
demands, and	to have enough water in reserve for fire figh	ting.
	nter storage capacity, wells and water treatme	
•	ired in the future as more facilities are prog The current capacity does not satisfy even t	
	ne million gallons. The water distribution sy	
industrial a	reas is insufficiently sized to deliver the re	guired 3-4,000
gallons per	minute needed for fire fighting. The elevated	tanks will
provide the	necessary water pressure whereas the ground ta	nk, while not
	eat a water pressure head, is a less expensive	tank. This
	the correct mix of each configuration.	
	T PROVIDED: Sufficient water capacity on the	
	ould a major fire occur. All existing capacit ving the base without enough industrial and do	=
about 24 hou	•	MADOTO MACGE VOT
12. SUPPLEM		
	imated design status: (Project design conform	
WITICALA HAU	dbook 1190, "Facility Planning and Design Guid	=. /
(1)	Status:	
• •	(a) Date Design Started	11-88
	(b) Percent Complete as of January 1990	100
	(c) Date Design 35% Complete	
	(d) Date Design Complete	<u>1-90</u>
(2)	Basis:	
••••	(a) Standard or Definitive Design:	Yes No X
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(<u>\$</u> 000)
	(a) Production of Plans and Specifications.	
	(b) All Other Design Costs	(65_)
	(c) Total	
	(d) Contract	
	(e) In-house	(30_)
(4)	Construction start	12-90
, - ,		month and year)
b. Egu	ipment associated with this project which will	be provided
	ppropriations: None.	brostaga

DD 1 DEC 76 13916

DD FORM 1390 1DEC76

1. COMPONENT NAVY	FY 1	9 91 MILITARY CO	NSTRUC	TIOI	V PRO	OJECT DA	TA 2. D	ATE
3. INSTALLATION A	ND LOC	ATION		4. PR	OJECT	TITLE		
NAVAL TRAININ	ig cen	TER,		В	ARRA	CKS		
ORLANDO, PLOI	RIDA							
5. PROGRAM ELEMI	ENT	6. CATEGORY CODE	7. PROJEC	TNU	MBER	S. PROJI	ECT COST ((000
0805796N		721.14	P-	200		1	0,910	
		9. COI	T ESTIMA	TES				
		ITEM			U/M	QUANTITY	COST	COST (\$000)
BARRACKS	• • •			•	SF	116,630	66.00	7,700
SUPPORTING F	CILIT	IES		•	-	-	-	2,150
ELECTRICAL	UTILI	TIES		•	LS	-	-	(210)
MECHANICAL	UTILI	TIES		•	LS	-	-	(130)
PAVING AND	SITE	IMPROVMENT, DEMOL	ITION .	•	LS	-	-	(1,810)
SUBTOTAL				•	-	_	-	9,850
CONTINGENCY				•	-	-	-	490
TOTAL CONTRAC			• • •	•		_	-	10,340
		CTION & OVERHEAD	(5.5%).	•	-	-	-	<u> 570</u>
TOTAL REQUES!			• • • •	•	-	-	-	10,910
EQUIPMENT PRO	ONIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NON-ADD) (0)

Seven-story steel frame building, concrete foundation and floors, masonry walls with brick facing, built-up roof over concrete on steel deck, elevators, automatic sprinkler fire protection system, air conditioning, utilities; semi-open-bay living compartments concept; demolition of one building.

Grade mix: 720 El-E4. Total: 720.

11. REQUIREMENT: 8,224 PN. ADEQUATE: 6,396 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for 720 enlisted students assigned to Navy basic "A" schools. (Current mission.) REQUIREMENT: Adequate housing for 8,224 "A" school students either

undergoing basic skills training after completion of recruit training or are upgrading fleet skill training requirements.

CURRENT SITUATION: Adequate berthing capacity of 6,396 spaces exist on base, including the 720 spaces funded in FY 1987, and the 1,440 spaces funded in FY 1989. A new construction deficiency of 1,828 adequate billeting spaces exist for "A" school students. Upon completion of this project, the remaining projected space deficit will be satisfied by follow-on projects currently proposed for FY 1992 and FY 1993. All projected space requirements are revalidated annually by a new survey, which updates planning projections. Some students are currently housed in overcrowded, inadequate, 40 year-old facilities which cannot be economically modernized.

(Continued on DD 1391c)

DD: 507M 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

226

1. COMPONENT		ı	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLATION	AND LOCATION		
NAVAL TRAINI	NG CENTER, ORLANDO, FLORIDA		
4. PROJECT TITLE		5. PROJE	ECT NUMBER
BARRACKS		p-	-200
IMPACT IF NO will continue standards of retention ef		low the	minimum
12. SUPPLEM	ENTAL DATA:		
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid		Part II of
(1)	Status: (a) Date Design Started	• • • • • • • •	<u>100</u> <u>12-86</u>
(2)			
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes	No X N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	• • • • • • •	(<u>60</u>) <u>295</u> (<u>265</u>)
(4)			12-90 and year)
	ipment associated with this project which will ppropriations: None.	l be p	rovided
	·		
•			

1. COMPONENT	FY 19	91 MILI	TARY CO	NSTR	UC	TIO	N PR	DJECT DA	TA 2.	DATE
3. INSTALLATION A	ND LOCA	TION			_	4. P	ROJECT	TITLE		
NAVAL TRAININ	G CENT	ER,				1				
ORLANDO, PLOP	IDA	•					OLD 8	STORAGE W	AREHOU	SE
S. PROGRAM ELEM	ENT	. CATEGOR	CODE	7. PRO	JEC	TNU	MOER	B. PROJ	CT COST	(\$000)
	ì							1		
0805796N	l	431.	10	P	202	2		1	,400	
			9. COE	T EST	MAT	TES				
		ITEM					U/M	QUANTITY	UNIT	COST (\$000)
COLD STORAGE	WAREHO	USE			•	•	87	10,560	-	1,000
BUILDING .					•	•	SF	10,560	67.00	(710)
Built-in EQ	UIPMEN	T			٠	•	LS	-	-	(290)
SUPPORTING FA	CILITI	28			٠	•]-]	-	-	270
ELECTRICAL	UTILIT	TES				•	LS	-	-	(90)
MECHANICAL	UTILIT	ies			•	•	LS	-	l -	(100)
PAVING AND	SITE I	MPROVEME	NT				LS	-	-	(80)
SUBTOTAL					٠	•	 -	-	-	1,270
CONTINGENCY (54) .				•	•	-	-	-	60
TOTAL CONTRAC	T COST				•	•	-	-	-	1,330
SUPERVISION,	Inspec	TION & O	verhead	(5.5%) .		-	-	-	70
TOTAL REQUEST					•	•	 -	-	-	1,400
EQUIPMENT PRO	VIDED	FROM OTH	er approi	PRIAT	IO	18	-	- (NO	N-ADD)	(0)
10. DESCRIPTION O										

One-story masonry building, concrete foundation and floor, built-up roof, loading dock with hydraulic dock levelers, stacking height approximately 16-feet, fire protection system, utilities.

11. REQUIREMENT: 10,560 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a cold storage warehouse. (Current mission.) REQUIREMENT: Adequate cold storage warehouse capacity to support the military personnel assigned to the activity, and sited in accordance with the master plan.

CURRENT SITUATION: The existing cold storage warehouse is located 1.3 miles from the main base in an area which is intended for disposal action. The warehouse capacity is inadequate to support the increased student loading.

IMPACT IF NOT PROVIDED: Existing cold storage warehouse which is improperly located, will have to be supplemented by commercially leased space. This will be expensive, complicate deliveries, increase transportation costs, and reduce supply reliability because of possible strikes and less flexibility during emergencies. Disposal of the existing warehouse area could not occur.

(Continued on DD 1391c)

DD, 600 74 1391 S/N 0102 LF 001-3010

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COM	PONEN	IT		2. DATE
NAVY			FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	
3. INST	ALLA	TION	AND LOCATION	
NAVA	L TR	AINI	NG CENTER, ORLANDO, FLORIDA	
4. PRO				DJECT NUMBER
COLD	STO	RAGE	WAREHOUSE	P-202
12.	SUP	PLEM	ENTAL DATA:	
	٠.	Est	imated design status: (Project design conforms to	Part II of
Mili	tary		dbook 1190, "Facility Planning and Design Guide.")	
		(1)	Status:	
			(a) Date Design Started	***
			(b) Percent Complete as of January 1990	***
			(c) Date Design 35% Complete	*
			(d) Date Design Complete	*
		(2)	Basis:	
			(a) Standard or Definitive Design: Yes_	No X
			(b) Where Design Was Most Recently Used:	N/A
		(3)	Total cost (c) = (a) + (b) or (d) + (e):	(<u>\$000</u>)
			(a) Production of Plans and Specifications	
			(b) All Other Design Costs	
			(c) Total	
			(d) Contract	
			(e) In-house	()
		(4)	Construction start(mont	12-90 th and year)
		_	·	~
from		_	ipment associated with this project which will be ppropriations: None.	provided
*			ance specifications to limit acquisition to modula ruction.	ar
	•			
			,	

DD 1 DEC 76 1391C

1. COMPONENT NAVY	FY 1	19 <u>91</u> MILITARY CO	NSTRUC	TION PR	DJECT DA	TA 2. 0/	ATE
3. INSTALLATION A	ND LOC	ATION		4. PROJECT	TITLE		
NAVAL TRAININ	G CEN	TER,					
ORLANDO, FLOI	RIDA			MESS	HALL		
S. PROGRAM ELEM	ENT	S. CATEGORY CODE	7. PROJEC	TNUMBER	S. PROJ	ECT COST (1000)
0805796N		722.10	P-24	0		,040	
		9. CO	ST ESTIMA	res .			
		IYEM		U/M	QUANTITY	UNIT	COST (\$000)
SUPPORTING FI ELECTRICAL MECHANICAL PAVING AND SUBTOTAL CONTINGENCY TOTAL CONTRAC SUPERVISION, TOTAL REQUES:	OPERATACILITUTILI SITE (5%) CT COS INSPE	TIES	(5.5%).	: -	52,000	- 107.00 - - - - - - - (NON-ADD	5,650 (5,560) (90) 700 (150) (80) (470) 6,350 320 6,670 370 7,040) (0)
TO DESCRIPTION O	E PROP	SED CONSTRUCTION			<u> </u>		

One-story steel-frame building, concrete foundation and floor, masonry walls, built-up roof, fire protection system, air conditioning, utilities; loading ramp, emergency generator; equipment for kitchen, galley, dining, serving, storage; demolition of five buildings.

11. REQUIREMENT: 104,000 SF. ADEQUATE: 52,000 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a centrally-located mess hall for more dining space, food service, and storage. (Current mission.)

REQUIREMENT: Adequate additional dining capacity to support the NTC Orlando complex. This project supports the move of the ET "A" School from Great Lakes to Orlando.

CURRENT SITUATION: The existing mess hall is overloaded resulting in slow service at peak meal periods. This overuse causes personnel to spend excessive time waiting in line to enter the facility. Galley personnel must spend long periods of time preparing and serving food, reducing time allotted for clean-up and maintenance of equipment.

IMPACT IF NOT PROVIDED: This center cannot accommodate the expanded mission with its associated workload.

(Continued on DD 1391c)

DD: 50 PM 1391

PREVIOUS EDITIONS MAY BE USED INTER-IALLY UNTIL EXHAUSTED

PAGE NO. 230 .

1. COMP	ONEN	IT	91		2. DATE
HAVY			FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA	
3. INST.	ALLA1	TION A	ND LOCATION		
NAVA	L TR	AININ	IG CENTER, OMLANDU, FLORIDA		
4. PROJ	ECT T	ITLE		S. PROJE	CT NUMBER
MESS	HAL	L			P-240
				<u> </u>	
12.	SUP	PLEME	NTAL DATA:		
	a.	Esti	.mated design status: (Project design conform	us to F	Part II of
Mili	tary		book 1190, "Facility Planning and Design Guid		
		(1)	Status:		
			(a) Date Design Started		11-88
			(b) Percent Complete as of January 1990	• • • • • •	100
			(c) Date Design 35% Complete(d) Date Design Complete		
			(a) page paged: comprese	• • • • • •	· <u> </u>
		(2)	Basis:		
			(a) Standard or Definitive Design:	Yes	No X
			(b) Where Design Was Most Recently Used:		1/A
		(3)	Total cost (c) = (a) + (b) or (d) + (e):		(<u>\$000</u>)
			(a) Production of Plans and Specifications.	• • • • • •	(290)
			(b) All Other Design Costs(c) Total		
			(d) Contract		
			(e) In-house		
		(4)			2-90
			•	month	and year)
	ь.	Equ i	pment associated with this project which will	be pr	ovided
from	othe	er ap	propriations: None.		
,	•		·		
				,	

ļ [']	COMPONENT		FY	1991 MI L	ITARY C	ONSTRUC	TION PRO	GRAM	[2	. DATE	
3.	INSTALLATIO	IN AND LO	CATION			4. COMMAI	ND			. AREA C	
	NAVAL COS			₹,			E AND NAV		RE	. 87	INDEX
6.	PERSONNEL STRENGTH		PERMANEN			STUDENTS			SUPPORTE	D	
_	. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENL:STED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
	09/30/88 END FY	51	407	1287	37	110	•	5	50	17	1964
	1994	53	408	1315	74	533	٥	5	50	17	2455
				7.	INVENTO	RY DATA ((000				
D C C E + O F	. TOTAL ACRI INVENTORY AUTHORIZA: AUTHORIZA: PLANNED II: REMAINING GRAND TOT	TOTAL ASTION NOT TION REQUIRED INC. TO NEXT TO DEFICIE!	YET IN II JESTED IN LUDED IN I HREE PROGI	THIS PROFOLLOWING	GRAM PROGRAM				65,390 7,330 5,300 0 5,000 15,070 98,090		
c	ATEGORY							c	OST	DESIGN	STATUS
_	CODE	4D /ANAL VI	PROJECT					(<u>\$</u> SF	(000)		COMPLETE 01/90
	010.00	TOTAL	,,, ru				30,000	•' 	5,300	01/03	01,750
	A. INCLUDE NONE B. MAJOR 6 315.20 U/0	PLANNED P V ELEX SY	NEXT THREI	E YEARS: ST FAC			50,00 0	SF	5.000		
	techi in ti deve defer swimm and :	cipal Navinology as ne coasts sopment of nse, survinor/diver	yy RDT&E o ssociated al region capability veillance r support us operat	center for vith mil. Maintary for ins , and int systems;	itary op ins the hore war erdicati salvage	plication erations (primary 1) fare inclo on; contro support;	carried or n-house re uding cour of techno acoustic	ut princ esearch ntermeas logy; na	and ures, val		
11	A: POLILU	TION ABAT	TEMENT		FICIENCI		0				
	B: INSTAI		RESTORATIONS		(OSH):	12.7	40 0				•

310.33 9. COM ITEM ANALYSIS LABORATORY ATING MANUALS	7. PROJEC	4. PI	COMPU	TATION ANATORY ADD	ND ANALY. DITTON ECT COST (COST (\$000) 4,350 (3,700)
STEMS CENTER, RIDA S. CATEGORY CODE 310.33 S. CON ITEM ANALYSIS LABORATORY ATING MANUALS	P-30	CT NU	U/M SF SF	TATION ANATORY ADD	JUNIT COST	COST (\$000) 4,350 (3,700)
S. CATEGORY CODE 310.33 9. COM ITEM ANALYSIS LABORATORY ATING MANUALS	P-30	TES	U/M SF SF	B. PROJ	JUNIT COST	COST (\$000) 4,350 (3,700)
S. CATEGORY CODE 310.33 9. COM ITEM ANALYSIS LABORATORY MENT	P-30	OT NU	U/M SF SF	9. PROJ	300 UNIT COST	COST (\$000) 4,350 (3,700)
310.33 9. COM ITEM ANALYSIS LABORATORY ATING MANUALS	P-30	TES	U/M SF SF	33,000	UNIT COST	COST (\$000) 4,350 (3,700)
ITEM ANALYSIS LABORATORY MENT	IT ESTIMA	TES	SF SF	QUANTITY 33,000	UNIT COST	(\$000) 4,350 (3,700)
ITEM ANALYSIS LABORATORY MENT	IT ESTIMA	TES	SF SF	QUANTITY 33,000	UNIT COST	(\$000) 4,350 (3,700)
ANALYSIS LABORATORY MENT			SF SF	33,000	COST	(\$000) 4,350 (3,700)
ANALYSIS LABORATORY MENT	ADDN .	•	SF SF	33,000	COST	(\$000) 4,350 (3,700)
MENT	ADDN .	•	SF	1 •	-	(3,700)
MENT			1	33,000	112.00	
ATING MANUALS		•	1.5	1 _	1	/ 500
			1		1 -	(590
			LS	-	-	(60
ITIES			-	i -	-	430
JCTION FEATURES			LS	-	-	(70)
LITIES			LS	-	-	(110)
LITIES			LS) -	-	(90)
E IMPROVEMENT, DEMO	LITION.		LS	! -	-	(160)
			-	-	-	4,780
] -	-	-	240
OST			-	[-	-	5,020
PECTION & OVERHEAD	(5.5%).		-	[-	-	280
			-	-	-	5,300
ED FROM OTHER APPRO	PRIATIC	NS	-	- n	NON-ADD)	(31,550)
	LITIES LITIES E IMPROVEMENT, DEMO OST. PECTION & OVERHEAD	LITIES LITIES E IMPROVEMENT, DEMOLITION OST. PECTION & OVERHEAD (5.5%)	LITIES	LITIES LS LITIES LS E IMPROVEMENT, DEMOLITION . LS OST	LITIES LS - LITIES LS - E IMPROVEMENT, DEMOLITION . LS - OST	LITIES LS LS LS LS

Three-story reinforced concrete frame building, concrete foundation and floors, masonry walls, built-up roof capable of supporting electrical equipment, shie ded spaces, five-ton monorail system, fire protection system, air conditioning and machanical ventilation, utilities; demolition of two buildings.

11. REQUIREMENT: 120,320 SF. ADEQUATE: 87,320 SF. SUBSTANDARD: 0 SF. PROJECT: Provides building addition to consolidate the computation and analysis area with a multi-discipline laboratory for RDT&E on undersea countermeasure and coastal and special warfare programs. (Current mission.) REQUIREMENT: Adequate research and computer space for high priority programs in surface mine countermeasure exploratory development, all Naval Special Warfare, sonar and torpedo countermeasures, and the Mine Countermeasure (MCM-1) Class Combat System. The U.S. Navy countermeasure technology requires continuous improvements to meet the threat of the 1990's. The Countermeasures Evaluator (CME) and the Active Sonar Model (ASM) are the center's computer simulation systems, utilized to provide real-time, interactive simulation of acoustic-sensors (torpedo and mine and sonar), ships and submarines, and acoustic countermeasures in a simulated at-sea environment. The software engineering computer center provides life-cycle maintenance and supports the software development for the CME and the Surface Ship Torpedo Defense (SSTD) program. Also needed is

(Continued on DD 1391c)

FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL COASTAL SYSTEMS CENTER, PANAMA CITY, FLORIDA 4. PROJECT TITLE 5 PROJECT NUMBER COMPUTATION AND ANALYSIS LABORATORY ADDITION P-301 11. REQUIREMENT: (Continued) a comprehensive, multi-discipline Naval Special Warfare area which incorporates major aspects and functions (i.e. submersible, surface and air platforms, command/control/communications and intelligence, life support, and weapons) from other warfare areas for application in a variety of environments worldwide. The continually changing nature of the threat and the requirements specified for the Naval Special Warfare community require the development and application of new technology to meet the difficult and complex missions of the Naval Special Warfare forces. The proposed facility will provide the required space to centralize vital computer assets used for simulation studies, software development, signal processing, engineering design of systems and hardware, and provide compartmented workspace for Special Warfare programs. CURRENT SITUATION: The projected workload at the center will triple in the future, as mandated initiatives in Naval Special Warfare and undersea countermeasures are being developed. These programs will require secure laboratory and computer space, and compartmented workspace, which cannot be provided in existing facilities. Many of the above new and expanded mission requirements require the scientific expertise of many different disciplines, all applied to a single undertaking. Current spatial deficiencies render colocation impossible, requires scientists working on a common problem to work in three separate facilities, and prevents scientific inter-disciplinary dialogues and communication required for development of new ideas, new products and maximum creativity. Current facilities are inadequate, overcrowded, and lack sufficient secure space to accommodate further system expansion from the growth in computer and equipment assets, as well as environmental controls. IMPACT IF NOT PROVIDED: Navy's surface ships and submarine forces will continue to operate with less than optimum defenses against threat, mines, sonar, and torpedoes. Emergent mandated research to develop improved mine and torpedo countermeasures systems and equipment cannot be carried out, which effects the product development to be utilized by the Fleet for protection. Proper management, direction, and execution of Naval Special Warfare Research and Development will be in jeopardy, as potential scientific breakthroughs may not be realized or maybe substantially delayed because of continued operations in unsecure and inadequate facilities needed for special access programs. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started..... Percent Complete as of January 1990..... (b) 7-89 (c) Date Design 35% Complete..... (d) Date Design Complete.....

DD : FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY

(Continued on DD 1391c)

1. COMPONENT				2. DATE		
NAVY	FY 19MILIT	ARY CONSTRU	CTION PROJECT D	ATA		
3. INSTALLATION	NO LOCATION					
	SYSTEMS CENTER	, PANAMA CITY,	FLORIDA			
4. PROJECT TITLE				5 PROJECT NUMBER		
COMPUTATION A	ND ANALYSIS LAB	ORATORY ADDITE	ON	P-301		
12. SUPPLEME	ENTAL DATA: (Co	ntinued)				
(2)	Basis:					
•		or Definitive ign Was Most R	Design: ecently Used:	Yes No X		
(3)	(a) Production(b) All Other(c) Total(d) Contract.	Design Costs.	r (d) + (e): Specifications.	(<u>90</u>) (<u>300</u> (<u>20</u>)		
(4)	Construction s	tast		12-90 month and year)		
from other ap	propriations:		oject which will Fiscal Year			
Equipment		Procuring propriation	Appropriated or Requested			
Nomenclature	<u></u>	propriacion	or Requested	<u>(\$000)</u>		
CME Computer	Equip					
w/software	-3	NIF	1991	15,000		
ASM Computer	Equip					
w/software	-	NIF	1991	7,000		
MK-50 Torpedo	Equip	NIF	1991	3,000		
LINK PALM CO	nputer	NIF	1991	300		
SIGNAL/IMAGE	Computer					
Sys w/software SEETEC Computer		NIF	1991	1,000		
w/software		NIF	1991	1,400		
CAE Dsgn/Man						
Computer w/so		NIF	1991	700		
Veh/Tech Com	-		1001			
Sys w/softwa		NIF	1991	500		
STAFS Compute		NIF	1991	1,200		
PRIME 9955 Co						
for other M		NIF	1991	500		
MALCON VAX 1		MTP	1991	350		
Computer w/se) E E Wale	NIF NIF	1991	300		
LAN Equip	W1.00					
Test Control	EIDX	NIF	1991	300		
			TOTAL	31,550		
	PREVIOU					

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE 1; SED INTERNALLY UNTIL EXHAUSTED

1.	COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	ND			5. AREA C	
	NAVAL SUPPLY CENTER, Pensacola, florida						SUPPLY S		COST INDEX		
6.	PERSONNEL	1	PERMANEN'	 r		STUDENTS			SUPPORT	ED	<u> </u>
	STRENGTH . AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
1	09/30/88 END FY	13	21	394	0	0	3	٥	0		452
ļ	1994	14	19	591	<u> </u>	0	3	•		21	648
Ŀ	. TOTAL ACRI			7.		RY DATA ((000)				
0000	. INVENTORY . AUTHORIZA . AUTHORIZA . AUTHORIZA . PLANNED II . REMAINING . GRAND TOT . PROJECTS R	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN I HREE PROGI	THIS PROFOLLOWING	GRAM				3,640 6,100 0 0 0 9,740		
	ATEGORY CODE		PROJECT	TITLE			SCOPE		OS7 :000:		STATUS COMPLETE
			GE WAREHOU				39,360			11/88	
10	suppo	R MAJOR Center	FUNCTIONS is the prices to f	imary sto	s and sh	for Navy ore activ	ities on	the Gulf	Coast		
11	. OUTSTANDIN A: POLLUT B: INSTAL C: OCCUPA	TION ABAT Llation (TEMENT RESTORATIO	DN		<u>es</u> : (\$00	<u>>0</u>) 0 0				
!											
								,			

DD FORM 1390 1DEC76

	FY 1	9_91_MILITARY CO	NSTRUC	TION	PRO	JECT DA	TA 2. D/	VI.S
INSTALLATION	ANDLOG	ATION		A. PRO	JECT 1	TITLE		
AVAL SUPPLY		•			ID C	00 BACE W	A DRUMICE	•
ENSACOLA. P		S, CATEGORY CODE	7. PROJEC				AREHOUSE	
PROGRAM ELEM	ME141	0, 0A, 200A 1 0002						
0300000		421 10	P-27	1			.100	
0702896N		431.10 9. CO	ST ESTIMA				*144	
							UNIT	COST
		ITEM		1	U/M	PTITHAU	COST	(3000)
OLD SHODY	WADRU	OUSE			SF	39,360		4,270
		LDING	• • • •	٠ ١	SF	30,560	83.00	(2,540)
	_	NG		٠ ١	SF	7,300	30.00	(220
				•	SF	1,500	20.00	(30
		AREA		•	- 1	1,300	20.00	
BUILT-IN E	-		• • • •	• 1	LS	-	-	(1,480
UPPORTING P				•	-	-] -	1,230
		TIES	• • • •	• 1	LS	-	-	(340
MECHANICAI	LUTILI	TIES		•	LS	-	-	(250
PAVING AND	SITE	IMPROVEMENT		•	LS	-	-	(340
DEMOLITION	<i>k</i>			•	LS	-	-	(300
UBTOTAL				•	-	•	-	5,500
ONTINGENCY	(5%) .			•	-	-	-	280
OTAL CONTRA	ACT COS	T		!	-	-	-	5,780
UPERVISION,	, INSPE	CTION AND OVERHEA	AD (5.5%	i) .	-	-	-	320
OTAL REQUES	ST			!	- !	-	! -	6,100
_		FROM OTHER APPRO	OPRIATIO	NS	-	- (NON-ADD) (0
o. Description ine-story hi metal doors efrigeration	of Phore igh-bay , mason on syst	SEED CONSTRUCTION steel frame builtry walls, built- em, emergency ele air conditioning	lding, oup roof,	concre load	ete f	oundation apron, company of the comp	on and ficentral	loor,
O DESCRIPTION One-story hatal doors refrigeration orotection	OFFROPO igh-bay , mason un syst system, EMENT:	steel frame builty walls, builty walls, builty air conditioning	lding, cup roof, ectric g; demol	concre load cower lition	ete fling syst	oundation apron, communication	on and finentral lities, mildings	loor, fire
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DESCRIPTION ne-story h: etal doors efrigeration rotection : 1. REQUIR: ROJECT: Co ission.) EQUIREMENT rozen and co ctivities URRENT SITU apacity, i:	of PROPO igh-bay , mason on system, EMENT: onstruc : An a chilled in the UATION: s antig	steel frame builtry walls, builtriem, emergency elair conditioning 39,360 SF. ADER ts cold storage adequate and energy food products to the existing counted and beyond	lding, oup roof, ectric gg; demol	concre lower lition O SF. crolle cient issue rage	ete fling systmof of colded to	oundation apron, of em, util three but three b	on and freentral lities, mildings RD: 0 S. facilities warehounits and midden in its and midden in its and midden in its and midden in its and midden in its and midden in its and midden in its and midde	loor, fire . F. es. (New use for d shore uate d storage
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DESCRIPTION ne-story hi etal doors efrigeration 1. REQUIRI ROJECT: Co. ission.) EQUIREMENT rozen and ctivities URRENT SIT apacity, is nits in the requent bre itorage of andling ca	of PAOPC igh-bay , mason on system, EMENT: onstruct : An a chilled in the UATION: s antiq e build e build e backdown nsacola frozen uses de	steel frame builty walls, built-lem, emergency elem, emergency elem, emergency elem, emergency elem, emergency elem, emergency elem, emergency elem, end storage element food products to Pensacola area. The existing counted and beyond ling have obsolet in, and for which area's high tem products with an exerioration. The	lding, of the proof, and control of the proo	concre concre cower lition O SF. crolle cient issue rage v ical parti- part	ete f ding syst of SU ed hu cold ed to repai so are high nigh	oundation apron, or em, util three but three b	on and finentral Lities, Lities, Lidings RD: 0 S Lacilities Lacili	loor, fire . F. (New use for d shore uate d storage to btain. dequate ial mum of
D. DESCRIPTION one-story had a doors defrigeration of the content	of PROPO igh-bay, mason on system, ement: onstruc : An a chilled in the UATION: s antiq e build eakdown nsacola frozen uses de stackir	steel frame builty walls, built- iem, emergency elemair conditioning 39,360 SF. ADER its cold storage and energy and products to the existing compared and beyond ling have obsoleting, and for which area's high temproducts with an exercioration. The green area in a green and the energy area in a sterioration. The green area in a gre	lding, of the proof, and control of the proo	concre concre cower lition O SF. crolle cient issue rage v ical parti- part	ete f ding syst of SU ed hu cold ed to repai so are high nigh	oundation apron, or em, util three but three b	on and finentral lities, mildings and service warehounits and sinadequipment of matering a maxi	loor, fire . F. (New use for d shore uate d storage to btain. dequate ial mum of
DESCRIPTION ine-story hieral doors, efrigerative rotection in the rotection in the requirement of the requirement of the request process	of PAOPC igh-bay , mason on system, ement: onstruc : An a chilled in the UATION: s antiq e build eakdown frozen uses de stackir 45 days	steel frame builty walls, builty walls, builty air conditioning air conditioning and storage at the state of	lding, our roof, ectric [g; demolection] QUATE: and continuous efficient economic repair perature e exist dequate	concre concre cower lition O SF. crolle cient issue rage lical gerat part	ete f ding syst of of cold ed to cold ed to see ion s are high high areho	oundation apron, or em, util three but three b	on and finentral lities, mildings RD: 0 S facilities a warehounits and a inadeq rigerate subject subj	loor, fire F. es. (New use for d shore to btain. dequate ial mum of re stock
DESCRIPTION ine-story hieral doors, efrigeration of the content of	OFFROMO OFF	steel frame builty walls, builty walls, builty walls, builty air conditioning and storage at cold storage at c	lding, our roof, ectric [g; demol QUATE: and cont gy efficient are conomic erefrice repair perature exist dequate will cont grant will cont gran	concre concre cower lition O SF. crolle cient issue cage v lcal : gerat: part: es and ally ! ing we store	ete f ding syst of . SU ed hu cold ed to . cold ed to . so s are high areho	oundation apron. Community in three but three	on and freentral lities, litie	loor, fire . F. es. (New use for d shore uate d storage to btain. dequate ial mum of re stock ficulty
DESCRIPTION ine-story hietal doors, efrigeration for the project of the project o	of PAGPO igh-bay, mason on system, ement: onstructions: An a chilled in the UATION: s antique build eakdown nsacola frozen uses de stackir 45 days or PROV	steel frame builty walls, builty walls, builty air conditioning air conditioning and storage at the state of	lding, compression of the control of	concre concre cower lition O SF. crolle cient issue rage value lical in gerat: part: es and ally in ing was storion	system of system	oundation apron. Comparison of the cold service of the cold servic	on and freentral lities, litie	loor, fire . F. es. (New use for d shore uate d storage to btain. dequate ial mum of re stock ficulty

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMP	PONEN	Τ		Z. DATE
NAVY		- 1	FY 19 91 MILITARY CONSTRUCTION PROJECT DAT	^
		'ION A	ND LOCATION	
NA		Dr w	CENTER, PENSACOLA, FLORIDA	
4. PROJ				PROJECT NUMBER
corp	STOP	MAGE	KAREHOUSE	P-271
		-		
12.	SUPF	LENE	intal data:	
		Fat.	imated design status: (Project design conforms t	to Dark II
Mili			imated design status: (Project design conforms (Book 1190, "Facility Planning and Design Guide."	
ļ - '				
		(1)		11-00
			(a) Date Design Started(b) Percent Complete as of January 1990	100
			(c) Date Design 35% Complete	5-89
1			(d) Date Design Complete	1-90
		(2)	Basis:	
		1		sNo_X_
			(b) Where Design Was Most Recently Used:	N/A
		(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		1	(a) Production of Plans and Specifications	(280)
ļ			(b) All Other Design Costs	(50_)
			(c) Total(d) Contract	
			(e) In-house	
		1	• •	
		(4)	Construction start(mo)	12-96 onth and year)
			•	•
_		_	ipment associated with this project which will be	e provided
from	othe	er ap	opropriations: None.	
				•

1.	COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	2	. DATE	
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	ND	-		. AREA C	
	NAVY PUBLIC WORKS CENTER. NAVAL FACILITIES PENSACOLA, FLORIDA ENGINEERING COMMAND						į	COST INDEX			
6.	PERSONNEL	· · · · · ·	PERMANENT			STUDENTS			SUPPORTE	D	1
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
₽.	. AS DF 09/30/88		0	757	0	0	0	0	0	0	765
ь.	. END FÝ 1994			750		٥					758
-				7.	INVENTO	RY DATA ((000)	<u></u>	· · · ·	<u> </u>	
	. TOTAL ACR	EAGE			(285)					
0 0 0 f 0 f	. INVENTORY . AUTHORIZA: . AUTHORIZA: . AUTHORIZA: . PLANNED II . REMAINING . GRAND TOT	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN I REE PROGI	VENTORY. THIS PROFELLOWING	GRAM PROGRAM				61,530 5.620 3,440 0 2,100 18,850 91,540		
	ATEGORY								OST		STATUS
_	CODE	R & SEWER	PROJECT PIPELIN				SCOPE LS		3,440	5TART 04/89	COMPLETE 05/90
	A. INCLUDE NONE B. MAJOR (841.51 PO	PLANNED I	EXT THRE	YEARS:			5,680 ·	GM	2.100		
10	suppi other opera	ides publicht, engr publichting for	ic works ineering : works log	public (services, pistics si indent ac	shore foupport in tivities	s, public scilities ncident the , and other	planning mereto, r	support equired	, and all by the		
11	OUTSTANDI A: POLLU B: INSTAI C: OCCUP	TION ABAT LATION F	EMENT RESTORATIO)N		ES: (\$00 2,45					

DD FORM 1390 1DEC76

	FY ·	oo Mil	TARY C	ONSTRUC	TION PRO	GRAM		2. DATE		
N AND LO	CATION			4. COMMA	ND					
	STICS BASE	Ι,				THE		.85		
RSONNEL PERMANENT STUDENTS SUPPOR						SUPPORT	ED.	TOTAL		
		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN] '		
140	858	2828	۰	102	0	17	88	328	4361	
138	902	2895	٥	66	٥	19	100	263	4383	
		7.	INVENTO	RY DATA ((000					
	, , , , ,		(3,638)						
TION NOT TION REON TION INC N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM				7,270 5,850 4,350 1,330 2,950		···	
REQUESTED	IN THIS	PROGRAM:		•				92 5161		
					SCOPE	9	(000)	START	COMPLETE	
					35,000 LS			05/87 11/88	01/ 89 01/ 9 0	
DJECTS:										
					19,600	SF	4,350 4,350			
RE PROT 1	WAREHOUSE	YEARS:			LS 6,380	SF	750 580			
orm the	full range			nagement	functions	for sec	ondary			
	EAGE TOTAL AS TION NOT TION NOT TION NEXT TI DEFICIE FAL REQUESTED LIBRATID DUST WST TOTAL DUST WST TOTAL PLANNED S RE PROT S ILD CARE R MAJDR	EDRGIA PERMANENT OFFICER ENLISTED 140 858 138 902 EAGE TOTAL AS OF 30 SI TION NOT YET IN IN TION REQUESTED IN TION INCLUDED IN IN TION INCLUDED IN IN NEXT THREE PROGI DEFICIENCY. TAL PEQUESTED IN THIS PEQUESTED IN THIS OUECTS: ED IN FOLLOWING PERASIVE BLAST FACIL TOTAL PLANNED NEXT THREE PLANNED NEXT THREE IN FOLLOWING PERASIVE BLAST FACIL TOTAL PLANNED NEXT THREE IN FOLLOWING PERASIVE BLAST FACIL TOTAL PLANNED NEXT THREE R PROT WAREHOUSE R MAJDR FUNCTIONS	RPS LOGISTICS BASE. EDRGIA PERMANENT OFFICER ENLISTED CIVILIAN 140 858 2828 138 902 2885 7. EAGE TOTAL AS OF 30 SEP 88 TION NOT YET IN INVENTORY. TION REQUESTED IN THIS PRO- TION INCLUDED IN FOLLOWING N NEXT THREE PROGRAM YEARS DEFICIENCY. FAL PROJECT TITLE LIBRATION EQUIP TEST FAC DUST WST TRMT PLNT IMPVS TOTAL DJECTS: ED IN FOLLOWING PROGRAM RASIVE BLAST FACILITY TOTAL PLANNED NEXT THREE YEARS: RE PROT WAREHOUSE ILD CARE CENTER R MAJOR FUNCTIONS:	PERMANENT OFFICER ENLISTED CIVILIAN OFFICER 140 858 2828 O 138 902 2895 O 7. INVENTO FAGE TOTAL AS OF 30 SEP 88 TION NOT YET IN INVENTORY. TION REQUESTED IN THIS PROGRAM TION NECLUBED IN FOLLOWING PROGRAM NEXT THREE PROGRAM YEARS DEFICIENCY	PERMANENT STUDENTS OFFICER ENLISTED CIVILIAN OFFICER ENLISTED 140 858 2828 0 102 138 902 2895 0 66 7. INVENTORY DATA (1) EAGE (3,638) TION NOT YET IN INVENTORY	RPS LOGISTICS BASE. PERMANENT STUDENTS OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN 140 858 2828 0 102 0 138 902 2895 0 66 0 T. ENVENTORY DATA (\$000) EAGE (3,638) TION NOT YET IN INVENTORY. TION REQUESTED IN THIS PROGRAM. N NEXT THREE PROGRAM YEARS DEFICIENCY. FAL REQUESTED IN THIS PROGRAM: PPROJECT TITLE SCOPE LIBRATION EQUIP TEST FAC 35,000 DUST WST TRMT PLNT IMPVS LS TOTAL DJECTS: ED IN FOLLOWING PROGRAM RASIVE BLAST FACILITY 19,600 TOTAL PLANNED NEXT THREE YEARS: RE PROT WAREHOUSE LS ILD CARE CENTER 6,380	RPS LOGISTICS BASE, EDRGIA PERMANENT STUDENTS OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER 140 858 2828 0 102 0 17 138 902 2895 0 66 0 19 7. ENVENTORY DATA (\$000) EAGE (3,638) TION NOT YET IN INVENTORY. TION REQUESTED IN THIS PROGRAM. TION INCLUDED IN FOLLOWING PROGRAM. NEXT THREE PROGRAM YEARS. DEFICIENCY. FAL. PEQUESTED IN THIS PROGRAM: CEQUESTED IN THIS PROGRAM: DEFICIENCY. TOTAL DUECTS: ED IN FOLLOWING PROGRAM RASIVE BLAST FACILITY 19,600 SF TOTAL PLANNED NEXT THREE YEARS: RE PROT WAREHOUSE LS 6,380 SF	PERMANENT STUDENTS SUPPORT	COST 1 COMMANDANT OF THE COST 1	

1. COMPONENT NAVY FY 19 91 MILITARY CONSTRUCTION					TIÜI	N PRO	DJE	CT DA		DATE
3. INSTALLATION AP	D LOC	ATION		_	4. PF	OJECT	TITL	.E		
MARINE CORPS LOGISTICS BASE, C						ALIB	RATI	ON EQ	u i Pme n	T
ALBANY, GEORGIA TE						EST !	FACI	LITY		
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT					T NUI	MBER		S. PROJE	CT COST	(\$000)
0702896M 218.45 P-310					310		}	3	, 250	
		9. CO	ST ESTI	MA	TES					
		ITEM				U/M	QUA	NTITY	UNIT	COST (\$000)
BUILDING . BUILT-IN BQI SUPPORTING FAMILITIES. PAVING AND SUBTOTAL . CONTINGENCY (SUPERVISION, TOTAL REQUEST	JIPME CILIT SITE T COS INSPE	IES	(5.58		•	SF LS LS - - -		5,000 5,000 - - - - - - - - - (%	49.00	(330) 880 (720) (160) 2,930 150 3,080 170 3,250

One-story masonry load-bearing wall building, concrete foundation and floor, built-up roof on insulated metal deck, computer flooring, electronic shielding, emergency generator, noise suppressor, special calibration and testing clean room, storage area, fire protection system, environmental control and comfort air conditioning, utilities.

11. REQUIREMENT: 135,640 SF. ADEQUATE: 100,640 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a facility to rebuild, repair, calibrate and test various test, measurement, and diagnostic equipment. (Current mission.) REQUIREMENT: Adequate and properly-configured facility for sole source automatic test equipment (ATE) repair and design and to provide work space for metrology branch (MB) personnel and equipment. Additional personnel are necessary to reach established staffing goals based on current workload. Personnel have increased from 34 to 90, with a projected requirement for 114 persons by 1990.

CURRENT SITUATION: The work space currently available is not sufficient to accomplish present work requirements. Over the years, as work requirements expanded and personnel and equipment increased, other production areas of the Depot Maintenance Activity (DMA) were compressed, rearranged, other production areas of relocated to permit expansion of the MB. Space for further expansion is no longer available nor is it the most effective use of current real estate. The steadily increasing workload and the use of more modern sophisticated equipment have caused the existing facilities to become overcrowded. The (Continued on DD 1351c)

DD: 5084.1391

10. DESCRIPTION OF PROPOSED CONSTRUCTION

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	}
3. INSTALLATION	AND LOGATION	
	LOGISTICS BASE, ALBANY, GEORGIA	
4. PROJECT TITLE		5, PROJECT NUMBER
CALIBRATION E	EQUIPMENT TEST FACILITY	P-310
11. REQUIRE	·— ·-· •· · · · · · - · · •	
	ATION: (Continued)	·= ·=#
	precision of measurements required for testin increases as the level of technology increases	
	increases as the level of technology increases of larger computer systems to support the Mari	
shown a need	to provide an environment relatively free of	electrical
	and dust with reliable climate control and po	
	. Within the current DMA facility, the moveme	
	rriers, tank retrievers, crames, and other hea	
	own power or by a 75-ton overhead crane occurs the space occupied by the MB.	griecità
	the space occupied by the MB. T PROVIDED: Continued use of inefficient spac	es will
	fect the quality of the products produced. Pu	
	ent services cannot be provided. If metrology	
	, new equipment evaluation and procurement, an	
	ion and repair resources will be adversely aff	
	aintenance programs requiring the use of ATE w	
	maintenance packages cannot be delivered on sc ng maintenance programs relying on ATE gear wi	
	the updating and test program maintenance fun	-
performed.	The above elements directly affect and will ad	Iversely impact
	readiness and combat capability, since every	piece of radar
	ation equipment is involved.	
12. SUPPLEME	ENTAL DATA:	
a. Esti	imated design status: (Project design conform	ms to Part II of
	dbook 1190, "Facility Planning and Design Guid	
(1)		
	(a) Date Design Started	
	(b) Percent Complete as of January 1990	
1	(c) Date Design 35% Complete	
(2)		
\- /		YesNo X_
	(b) Where Design Was Most Recently Used:	N/A
(3)		(<u>\$000</u>) .
	(a) Production of Plans and Specifications.	
ı	(b) All Other Design Costs	
	(d) Contract	
1	(e) In-house	·
(4)	Construction start	12-90
		(month and year)
•	ipment associated with this project which will	l be provided
from other an	ppropriations: None.	

DD 1 DEC 74 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 19_91 MILITARY CONSTRUCTION PROJECT DA						ΓA	2. D	ATE	
3. INSTALLATION	AND LOC	ATION		4. FR	OJECT	TITLE		-		
MARINE CORPS	INDUSTRIAL WASTE TREATMENT									
S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT N						8. PROJE		TS (\$000)		
0702896M 831.15 P-605							.600	L		
		9. CQI	I ESIMA	168					 _	
		ITFM			U/M	QUANTITY	CO		COST (\$000)	
INDUSTRIAL W	ASTE 1	REATMENT PLANT IN	PR	•	LS	-	-		2,350	
TREATMENT	FACILI	TIES		•	LS	-	-		(1,400)	
SECONDARY	CONTAI	INMENT		•	LS	-	-		(650)	
REPAIR AND	REPLA	CEMENT OF PLANT C	OMPONEN	TS	LS	-	-		(<u>300</u>)	
SUBTOTAL		· · · · · · · · ·		•	-	-	-		2,350	
CONTINGENCY	• • • • •	· · · · · · · · · · · · · · · · · · ·		•	-	-	-		120	
TOTAL CONTRA				•	-	-	-		2,470	
•		CTION & OVERHEAD	(5.5%).	•	-	-	-		130	
TOTAL REQUES			• • • •	•	-		N-AD		2,600	
EQUIPMENT PR	OVIDE	FROM OTHER APPRO	FRIAIIO	No		- (100		,,,	(0)	
10 DESCRIPTION (757777	DEED CONSTRUCTION								

10. DESCRIPTION OF PROPOSED CONSTRUCTION

New influent flow division box, gravity separator, chrome reduction tank, dissolved air flotation tank, mechanical mixing system in existing surge tanks, automatic polymer feed and dosage system; secondary containment tanks with spillage removal piping systems; improvements to existing flow metering, chemical feed pump and motor; repair and replacement of existing plant deteriorated tanks; utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides additional and improved capabilities to remove oils, greases, and settleable solids to improve the industrial wastewater treatment plant efficiency. (Current mission.) REQUIREMENT: Adequate facilities to bring the industrial wastewater treatment plant into full compliance with applicable Environmental Protection Agency standards and criteria. Improve effluent standards for metal finishing and the hazardous waste management system. CURRENT SITUATION: Wastewaters are received from several industrial and maintenance shops. After various wash and rinses and pumping through separators, concentrated wastes are periodically removed, containerized, and stored in dedicated tanks. Downstream of the surge tanks, wastes are pumped through various tanks with effluent being discharged into the sanitary sewer system. A recent study of the effluent quality found oil and grease carry through into the sewage treatment plant in violation of its National Pollution Discharge Elimination System (NPDES) permit limit. (Coutinued on DD 1391c)

1. COMPONENT	••	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALLATION	IND LOCATION	
MARINE CORPS	LOGISTICS BASE, ALBANY, GEORGIA	
4. PROJECT TITLE		S, PROJECT NUMBER
INDUSTRIAL W	STE TREATMENT PLANT IMPROVEMENTS	P-605
11. REQUIRE	ENT: (Continued)	
periodic eff	<u>PROVIDED</u> : Present operations will continue, uent quality violations. Unmetered, poorly contions and structural deterioriation of existing.	ontrolled
12. SUPPLEME	NTAL DATA:	
	mated design status: (Project design conformal book 1190, "Facility Planning and Design Guide	
(1)	Status: (a) Date Design Started	100 1-89
(2)		Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>25</u>) (<u>80</u> (<u>75</u>)
(4)		12-90 month and year)
	epment associated with this project which will opropriations: None.	be provided
		·

171.20 TRIDENT TRAINING FAC ADDN 42.000 SF 4.900 12/88 0 421.48 SMALL ORDNANCE MAGAZINE LS 620 09/88 0			12									
### RESIDENCE PERMANENT STUDENTS SUPPORTED			5.)	4. COMMAN			CATION	IN AND LO	TALLATIO	. INS
STRENGTH A. AS OF O970/S8 420 4273 4888 7 110 0 0 0 0 0 D. END FY 1994 440 7017 4888 7 110 0 0 0 0 0 T. INVENTORY DATA (\$000) 6. TOTAL ACREAGE D. INVENTORY TOTAL AS OF 30 SEP 88 (16,711) 6. AUTHORIZATION NOT YET IN INVENTORY (10,711) 6. AUTHORIZATION NOT YET IN INVENTORY (10,711) 6. AUTHORIZATION REQUESTED IN THIS PROGRAM (12,000) 8. PROJECTS REQUESTED IN THIS PROGRAM (1,200) 8. PROJECTS REQUESTED IN THIS PROGRAM: CORE CORE PROJECTS REQUESTED IN THIS PROGRAM: CORE CORE PROJECT TITLE SCOPE COST (10,000) START (1,210 SY 56,400 01/89 (1)/11/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1)/12 (1		. 98	İ									
### AS OF OPTICER ENLISTED CIVILIAN OFFICER CIVILIAN OFFICER	TOTA)	SUPPORTED	STUDENTS SUPPO				7	PERMANEN			
O. O. O. O. O. O. O. O.	1017	CIVILIAN	ENLISTED	OFFICER	CIVILIAN	ENLISTED	OFFICER	CIVILIAN	ENLISTED	OFFICER		
7. INVENTORY DATA (\$000) a. TOTAL ACREAGE b. INVENTORY TOTAL AS OF 30 SEP 88 (18,711) c. AUTHORIZATION NOT YET IN INVENTORY 807,250 c. AUTHORIZATION REQUESTED IN THIS PROGRAM 69,120 c. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 68,700 c. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 68,700 c. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 68,700 c. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 68,700 c. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 68,700 c. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 68,700 c. AUTHORIZATION 1,24	969	•	0	0	•		7	4888	4273	420	/30/88 D FY	D. EN
B. TOTAL ACREAGE b. INVENTORY TOTAL AS OF 30 SEP 88	1218	•	0	0		L	<u> </u>		7017	640	94	11
D. INVENTORY TOTAL AS OF 30 SEP &B					100)	RY DATA (INVENTO	7.				
C. AUTHORIZATION NOT YET IN INVENTORY. (A AUTHORIZATION REQUESTED IN THIS PROGRAM (A AUTHORIZATION INCLIDED IN FOLLOWING PROGRAM (Fig. 120			17.880	4					S OF 30 SI			
Authorization included in Following Program 8.770			7.250	80				VENTORY.	YET IN I	TION NOT	JTHORIZA'	C. AL
### 1. PLANNED IN NEXT THREE PROGRAM YEARS REMAINING DEFICIENCY												
### BAND TOTAL 1.354.590			1,240					RAM YEARS	REE PROG	NEXT TI	ANNED I	f. PL
### B. PROJECTS REQUESTED IN THIS PROGRAM: COPE			10,330	1 3								
CATEGORY CODE PROJECT TITLE SCOPE 152.10 EXPLOSIVES HNDLG WHARF 11.210 SY 56.400 01/98 0171.20 TRIDENT TRAINING FAC ADDN 42.000 SF 4.900 12/88 0171.20 TRIDENT TRAINING FAC ADDN 42.000 SF 4.900 12/88 0171.20 TRIDENT TRAINING FAC ADDN 57.200 12/88 0171.20 TRIDENT TRAINING FAC ADDN 57.200 12/88 0171.20 TRIDENT SACHELOR ENLISTED QUARTERS 73.000 SF 7.200 12/88 0171.20 TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 219.77 PW STOR AREA ADDN 4.800 SF 510 12/88 0171.20 TOTAL 10. TOTAL 15 500 15 5												
CODE								PRUGRAM,	114 1412	154053150	ODECIŞ R	0. PK
152.10					SCOPE			TITLE	PROJECT			
171.20	08/90									PLOSIVES		
721.11 BACHELOR ENLISTED QUARTERS TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 219.77 PW STOR AREA ADDN 740.17 DRMD OPS 1.5 500 740.25 RECREATION SERVICES 1.5 3.520 740.26 CAFETRIA 1.5 1.430 740.37 SPECIAL SERVICES 1.5 2.810 TOTAL 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (0-5) missile production.	06/90	12/88	4.900		42.000 \$			ADDN	LINING FA	DENT TR	20 TR	171.
9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 219.77 PW STOR AREA ADDN 219.77 PW STOR AREA ADDN 3. SOO 3.	06/89			F								
A. INCLUDED IN FOLLOWING PROGRAM 219.77 PW STOR AREA ADDN 740.17 DRMD OPS LS 500 740.25 RECREATION SERVICES LS 1,430 740.37 SPECIAL SERVICES LS 1,430 TOTAL 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production.	00,00											
A. INCLUDED IN FOLLOWING PROGRAM 219.77 PW STOR AREA ADDN 740.17 DRMD OPS LS 500 740.25 RECREATION SERVICES LS 1,430 740.37 SPECIAL SERVICES LS 1,430 TOTAL 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production.										-		
219.77 PW STOR AREA ADDN 740.17 DRMD OPS 1 SOO 740.25 RECREATION SERVICES 1 SOO 740.26 CAFETERIA 1 LS 1 A30 740.37 SPECIAL SERVICES TOTAL 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (0-5) missile production.										DJECTS:	ITURE PRI	9. <u>F</u> L
740.17 DRMD OPS 740.25 RECREATION SERVICES 740.26 CAFETERIA 740.37 SPECIAL SERVICES TOTAL 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production.				_				ROGRAM				
740.25 RECREATION SERVICES 740.26 CAFETRIA 740.37 SPECIAL SERVICES TOTAL 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (0-5) missile production.				-					A ADDN			
740.37 SPECIAL SERVICES TOTAL 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production. 11. DUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: 8: POLLUTION ABATEMENT C B: INSTALLATION RESTORATION O			3.520		LS				SERVICES	CREATION	25 RE	740.
TOTAL 8,770 10. MISSION OR MAJOR FUNCTIONS: Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production. 11. DUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT C B: INSTALLATION RESTORATION O									NT CEC			
Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production. 11. DUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT C B: INSTALLATION RESTORATION O					L3				KAICES		3/ 3P	/40.
Provide facilities for refit of POSEIDON and TRIDENT submarines and TRIDENT II (D-5) missile production. 11. DUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT C B: INSTALLATION RESTORATION O												
TRIDENT II (D-5) missile production. 11. DUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: (\$000) A: POLLUTION ABATEMENT C B: INSTALLATION RESTORATION O			100		SNT subs	ON and Thi	POSETO					O. MI
A: POLLUTION ABATEMENT C B: INSTALLATION RESTORATION O			ario	#11 11 1 1 11 11	PERT BUDIE	on and the						
A: POLLUTION ABATEMENT C B: INSTALLATION RESTORATION O)	ES: (\$00	FICIENCI	AFETY DE	ION AND	NG POLLU	TSTANDI	1. 0
					5				EMENT	TION ABAT	POLLU	Ā:
							(OSH):					
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DD FORM 1390 1DEC76

1. COMPONENT F'	Y 19 MILITARY CO	NSTRUC	TION	I PRO	DJECT DA		ATE
3. INSTALLATION AND L	OCATION		4. PR	OJECT	TITLE		
NAVAL SUBMARINE	BASE.						
KINGS BAY, GEORG	•		BAG	CHEL	OR ENLIST	ED QUAR	TERS
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNUN	ABER	S. PROJE	CT COST (\$000)
	1	1			- 1		
0101228N	721.11	L1	P-41	В		7,200	
	9. CO	T ESTIMA	TER				
	ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
BACHELOR ENLISTE	D QUARTERS	• • •		SF	73,000	70.00	5,120
SUPPORTING FACIL	ITIES		. •	-	-	-	1,380
UTILITIES			• •	LS	-	-	(880)
PAVING AND SIT	E IMPROVEMENT		• •	LS	-	-	(<u>500</u>)
SUBTOTAL				-	-	-	6,500
CONTINGENCY (5%)				-	-	-	320
TOTAL CONTRACT C	OST		'	-	-	-	6,820
SUPERVISION, INS	PECTION & OVERHEAD	(5.5%)		-	-	-	380
TOTAL REQUEST .				-	-	-	7,200
	TED FROM OTHER APPR	OPRIATIO	ONG	-	- (NON-ADD	(0)
OA RESONIBIION (E PH	OPOSED CONSTRUCTION						
							_•
Three-story stee floors, masonry	l-frame dormitory b walls, composition	uilding roof, f	s, c ire	oncr prot	ete found ection sy	mation a stem, a	ina ir

Three-story steel-frame dormitory buildings, concrete foundation and floors, masonry walls, composition roof, fire protection system, air conditioning, utilities; 96 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment.

Grade mix: 160 E1-E4, 100 E5-E6, 6 E7-E9. Total: 266.

11. REQUIREMENT: 2,256 PN. ADEQUATE: 1,172 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for bachelor enlisted personnel.

(New mis-ton.)

REQUIREMENT: Adequate housing for bachelor enlisted personnel in grades E1-E9. This is eight of nine projects programmed to satisfy the deficiency at Kings Bay.

CURRENT SITUATION: Existing or under construction bachelor enlisted quarters are adequate to accommodate berthing requirements only through 1990. These and follow-on projects have been programmed to match the rate of population build-up at Kings Bay.

IMPACT IF NOT PROVIDED: Insufficient adequate billeting space will be available to house the bachelor enlisted personnel assigned to Kings Bay. Given the isolation of the region, reasonably priced, suitable rental housing is not abundant on the private economy.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONE	INT	01	2. DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DAT	A
3. INSTALL	ATION	AND LOCATION	
NAVAL S	JBMAR1	INE BASE, KINGS BAY, GEORGIA	
4. PROJECT	₹ 177 - €	5.1	ROJECT NUMBER
BACHETOI	eni.i	isted quarters	P-418
12. SUI	PLEM	ENTAL DATA:	
a. Military	Esti Hand	imated design status: (Project design conforms of the conforms of the conforms of the conforms of the conforms of the conforms of the conformation	to Part II of ")
	(1)		_
		(a) Date Design Started	
		(b) Percent Complete as of January 1990	
		(c) Date Design 35% Complete	···· <u>/-09</u>
		(d) Date Design Complete	6-30
	(2)		
		(a) Standard or Definitive Design: Yes	
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$0 00)
		(a) Production of Plans and Specifications	(220_)
		(b) All Other Design Costs	
		(c) Total	
		(d) Contract	
		(e) In-house	
	(4)	Construction start(mo	12-90 nth and year)
b.	Equ	sipment associated with this project which will b	e provided
from ot	her a	appropriations: None.	
		·	
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			•

DD 1 DEC 74 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT NAVY	FY 1	9 91 MILITARY CO	NST	RU	CTI	10	N PRO	DJECT DA		ATE
3. INSTALLATION A	ND LOC	ATION			14	7.	OJECT	TITLE		
NAVAL SUBMARI					1	• • • •				
		• •			Ι.					
KINGS BAY, GE					_	_		IVES HAND		
5. PROGRAM ELEME	NT	6. CATEGORY CODE	7. P	ROJE	CT N	101	ABER	B. PROJ	ECT COST (\$000)
0101228N		152.10			P-:	36	4	5	6,400	
		9. CO	IT ES	TIM	TES	-				
		ITEM					U/M	QUANTITY	UNIT COST	COST (\$000)
EXPLOSIVE HAN	DLING	WHARF	•		.		SY	11,210	<u> </u>	38,130
WHARF AND A	PPROA	CH RAMPS				.	SY	10,640	1,500	(16,050)
IN-HAUL WHA			-		_		SY	570	1,500	
					•	•	SF	17,400	115.00	(2,010)
SLIP COVER			•	• •	•	•	LS	-		(14,300)
		NT (CRANES, BOOMS		• •	•	•	LS	_	\ <u> </u>	(4,910)
`	-			• •	•	•	J. 100	_	-	, ,
		IES	•	• •	•	•		_	1 -	12,790
UTILITIES			•	• •	•	•	LS	-	-	(6,710)
PAVING AND	SITE	IMPROVEMENT, DRED	GIN	G.	•	•	LS	-		(3,770)
DEMOLITION.			•		•	•	LS	-	-	(2,310)
SUBTOTAL					٠	•	l –	-	-	50,920
CONTINGENCY	(5%).				•	•	-	! -	-	2,540
TOTAL CONTRAC	or cos	T					-	-	-	53,460
SUPERVISION.	INSPE	CTION, AND OVERHE	AD	(5.	5%)		-	-	-	2,940
TOTAL REQUES		•					-	-	-	56,400
		FROM OTHER APPRO	PRI	ATI	ONS		_	- a	ON-ADD)	1
		·						,		'
L									<u> </u>	<u></u>

10. DESCRIPTION OF PROPOSED CONSTRUCTION

660-feet long reinforced concrete wharf, pilings, slip cover, two 120-ton bridge cranes and two power utility booms; reinforced concrete in-haul wharf; in-haul system, two-story masonry and concrete building, built-up roof; electrical substation, lightning protection system, fire protection system, air conditioning, security system, utilities; demolition of a portion of the marginal wharf.

11. REQUIREMENT: 24,480 SY. ADEQUATE: 13,270 SY. SUBSTANDARD: 0 SY. PROJECT: Provides a covered ves handling wharf. (New mission.) REQUIREMENT: Adequate all-we.he. harf facilities are essential for berthing OHIO Class submarines during missile loading and off-loading and during special operations. In addition to missiles, these activities include loading and off-loading torpedoes, defensive weapon systems, missile guidance systems, launcher gas generators, and miscellaneous inert components.

<u>CURRENT SITUATION</u>: Two TRIDENT II explosive handling facilities are required to support a squadron of OHIO Class submarines. One explosive handling wharf is available.

IMPACT IF NOT PROVIDED: Capability will not be available to service the full squadron of OHIO Class submarines with TRIDENT II missiles. Refit cycles would overlap and be increased in duration, resulting in a decrease of patrol time at sea.

(Continued on DD 1391c)

1. COMPO	NEN.	- [2. DATE
			SY 1	19 <u>91 MILITARY CONSTRUCTION PROJECT D</u>	ATA	
NAVY				ATION		L
3. INSIAL		IUN A	NO LOC	ATION		
MAURI	CITO	MADI		OF PINCE DAY CRODETA		
4. PROJE			NE BA	SE, KINGS BAY, GEORGIA	S. PROJE	CT NUMBER
4. · · · · · · · · · · · · · · · · · · ·	•					
EXPLOS	TUR	S HI	MIDI.TN	g wharf	P-3	164
2.62 2.0.	- V.	, th	1112-211	o mago	<u> </u>	
12. 5	UPP	LEME	ENTAL	DATA:		
						1
a	۱.	Esti	imated	design status: (Project design conform	s to I	Part II of
Milita	ıry	Hand	lbook	1190, "Facility Planning and Design Guid	le.")	l
				•		
		(1)	Stat			
			(a)	Date Design Started	•••••	1-89
				Percent Complete as of January 1990		
				Date Design 35% Complete		
			(d)	Date Design Complete	*****	·- <u>8-90</u>
		(2)	Basi	Q:		
		\ - /	(a)	Standard or Definitive Design:	Yes	No_X
			(b)			1/A
			,			
		(3)	Tota	1 cost (c) = (a) + (b) or (d) + (e):		(\$ 000)
				Production of Plans and Specifications.		
			(b)	All Other Design Costs		. (585_)
			(c)	Total		
			(đ)	Contract		
			(e)	In-house	• • • • •	(85_)
		(4)	Cons	truction start		12-90
				'	monen	and year)
	٠.	Ecui	nment	associated with this project which will	be n	rovided
			-	iations: None.	. ос р	.071000
Trom	, , , , , ,	- 41	ipr opr	racions. none.		
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1. COMPONENT	FY 1	9 91 MILITARY CO	NSTRUC	TIOI	N PR	OJE	CT DA	TA	2. 0	ATE
3. INSTALLATION AN	ID LOC	ATION		4. PM	OJECT	TITI	.E			
NAVAL SUBMARII	NE RA	SE.		TR	IDEN	т ті	MININ	G FA	CTI.	ITY
KINGS BAY, GE		•			DITI			•		
S. PROGRAM ELEME		S. CATEGORY CODE	7. PROJEC				S. PROJ	ECT C	06T (8000)
									·•	
0101228N		171.20		P-41	4		4	,900)	
			T ESTIMAT	TE8				-		
		ITEM			UM	QUA	N'TITY	CO		COST (8000)
TRIDENT TRAIN	ING F	ACILITY ADDITION.			SF	4:	2,000	91.	00	3,810
SUPPORTING PA	CILIT	IES			-		-	-		620
UTILITIES.					LS		-	-		(340)
PAVING AND		IMPROVEMENT			LS	1	<u> </u>	-		(280)
SUBTOTAL					-	1	-	_		4,430
CONTINGENCY (58).				-		_	-		220
TOTAL CONTRACT					-		-	-		4,650
		CTION & OVERHEAD	(5.58)		-	1	_	-		250
TOTAL REQUEST				• •	_	}	_	_		4.900
		FROM OTHER APPRO	DETARTO	NS	_	1	- /NO	N-AI	ומנ	(0)
POOTSWENT SKO	AIDED	FROM OTHER MERKO	FRIALLO		-	ì	(110	,	,,	, ,,,
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10 DESCRIPTION OF	B 8 4 6 6	ARE CONSTRUCTION			└──	Щ.		۰		L

One two-story and one single-story concrete and steel frame building additions, concrete foundations and floors with raised decking, metal panel and masonry walls, fire protection and security systems, air conditioning, utilities.

11. REQUIREMENT: 563,900 SF. ADEQUATE: 521,900 SF. SUBSTANDARD: 0 SF. PROJECT: Provides two additions to the TRIDENT Training Facility. (New mission.)

REQUIREMENT: Adequate facilities to train replacement crews and maintain proficiency of off-patrol crews of Atlantic Fleet TRIDENT II submarines, train basic students in submarine strategic weapons systems, and train advanced students in operation and maintenance of TRIDENT II FBM Weapons System equipment.

CURRENT SITUATION: There is no space in the existing TRIDENT Training Facility to accomplish the required expanded training for the Atlantic Fleet TRIDENT II submarine crews. Basic and advanced Strategic Weapons Systems training is presently being conducted at the training center in Dam Neck, Virginia. The available classroom and laboratory spaces at Dam Neck are overcrowded which has forced a three-shift operation in an effort to provide hands-on training to all students. These facilities are needed for surface missile training, the primary mission of the Dam Neck school.

(Continued on DD 1391c)

I. COMPONEN	T	FY 19MILITARY CONSTRUCTION PROJECT D	PATA 2. DATE
3. INSTALLAT	TION A	AND LOCATION	
NAVAL SUE	MAR!	INE BASE, KINGS BAY, GEORGIA	
4. PROJECT TO	ITLE		S. PROJECT NUMBER
TRIDENT T	ra II	NING FACILITY ADDITION	P-414
IMPACT II	NOT	MENT: (Continued) f PROVIDED: The existing overcrowded condition fect the quality of training for submarine and	
12. SUPP	PLEME	ental data:	
		imated design status: (Project design conform Book 1190, "Pacility Planning and Design Guid	
	(1)	Status: (a) Date Design Started(b) Percent Complete as of January 1990(c) Date Design 35% Complete(d) Date Design Complete	50 7-89
	(2)		YesNoX
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>80</u>) (<u>250</u>)
	(4)	Construction start	12-90 (month and year)
b. from othe		lpment associated with this project which will opropriations: None.	l be provided

ON AND LO AZINE, , HAWAII	CATION			(
AZINE,				4. COMMAN	4 0		1 9	. AREA C	DWSTP
				1			,	COST	
					INDER IN O	CHIEF.		1.39	_
	PERMANEN	<u>'</u>	,	STUDENTS			SUPPORT	ט	TOTAL
OFFICER	ENLISTED	CIVILIAN	OFFICER	BALISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	ļ
54	350	124	•	•	0	•	•	•	528
65	481	124	<u> </u>	•		•	0	0	670
		7 .							
TOTAL A: TION NOT TION REQ TION INC N NEXT TI DEFICIE!	YET IN IT UESTED IN I LUDED IN I HREE PROGI	THIS PROFOLLOWING	GRAM . PROGRAM				9,020 1,400 1,150 36,700 13,000		
	PROJECT	TITLE			SCOPE				STATUS COMPLETE
ECTR DIS'								10/88	09/89
OUECTS:						<u>. </u>			
					LS		1,150		
		YEARS.			LS		36.700		
ves, tra tery serv ve pollution asat LLATION as	TION AND STEMENT	STOPES AL HAWA'I APH SAFETY DE	TICIENCI	ES: (500	20) 0	ce for t	he		
									·
	EAGE TOTAL A TION MOT TION REO TION NEXT TI DEFICIE TAL ECTR DIS TOTAL OJECTS: ED IN FOL TOTAL PLANNED I MUNITION REOUTE TOTAL REOUTE TOTAL OJECTS: TOTAL LATION ABA LLATION	EAGE TOTAL AS OF 30 \$1 TION NOT YET IN IT TION NOT YET IN IT TION REQUESTED IN N NEXT THREE PROGI DEFICIENCY. TAL. PROJECT ECTR DIST LINES RI TOTAL OJECTS: ED IN FOLLOWING PI L TEST CEL ADDITIO TOTAL PLANNED NEXT THREE MUNITION WHARF TOTAL R MAJOR FUNCTIONS TORS, TRANSCHIPE, TOTAL R MAJOR FUNCTIONS TORS, TRANSCHIPE, TOTAL R MAJOR FUNCTIONS TORS, TRANSCHIPE, TOTAL R MAJOR FUNCTIONS TORS, TRANSCHIPE, TOTAL R MAJOR FUNCTIONS TORS, TRANSCHIPE, TOTAL R MAJOR FUNCTIONS TORS, TRANSCHIPE, TOTAL R MAJOR FUNCTIONS TORS, TRANSCHIPE, TORS, TRANSC	84 380 124 85 481 124 7. EAGE TOTAL AS OF 30 SEP 88 TION NOT YET IN INVENTORY. TION REQUESTED IN THIS PRO TION NECLUBED IN FOLLOWING N MEXT THREE PROGRAM YEARS DEFICIENCY. TAL. REQUESTED IN THIS PROGRAM: PROJECT TITLE ECTR DIST LINES RELOC TOTAL OJECTS: ED IN FOLLOWING PROGRAM L TEST CEL ADDITION TOTAL PLANNED NEXT THREE YEARS. MUNITION WHARF R MAJOR FUNCTIONS: 1VES, TRANSPIPE, STORES AND SEPTY DE TION ABATEMENT LIATION RESTORATION	S4 350 124 0 T. WEVENTO TOTAL AS OF 30 SEP 88 TION NOT VET IN INVENTORY TION REQUESTED IN THIS PROGRAM. TION INCLUDED IN FOLLOWING PROGRAM NEXT THREE PROGRAM YEARS DEFICIENCY. TAL REQUESTED IN THIS PROGRAM: PROJECT TITLE ECTR DIST LINES RELOC TOTAL OJECTS: ED IN FOLLOWING PROGRAM L TEST CEL ADDITION TOTAL PLANNED NEXT THREE YEARS. MUNITION WHARF WAJOR FUNCTIONS: 1VES, TRANSCHIPS, STONES and ISSUE TRANSCHIPS, STONES and ISSUE TRANSCHIPS, STONES AND TRANSCHIPS PARAJOR FUNCTIONS: 1VES, TRANSCHIPS, STONES AND TESTED NG POLLUTION AND SAFETY DEFICIENCY TION ABATEMENT	S4 350 124 0 0 T. WVENTORY DATA R EAGE TOTAL AS OF 30 SEP 88 TION NOT YET IN INVENTORY TION REQUESTED IN THIS PROGRAM. TION NECLUBED IN FOLLOWING PROGRAM N MEXT THREE PROGRAM YEARS DEFICIENCY TAL REQUESTED IN THIS PROGRAM: PROJECT TITLE ECTR DIST LINES RELOC TOTAL OJECTS: ED IN FOLLOWING PROGRAM L TEST CEL ADDITION TOTAL PLANNED NEXT THREE YEARS. MUNITION WHARF R MAJOR FUNCTIONS: 1 ves. transships. stores and issues explosives. TYPUS SERVICES IN HAWA!! and the Pacific Ocean	54 350 124 0 0 0 0 7. WEVENTORY DATA (\$000) EAGE TOTAL AS OF 30 SEP 88	54 350 124 0 0 0 0 0 0 0 65 481 124 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	S4	S4

DO FORM 1390 1DEC76

1. COMPONENT	FY 1	19 <u>91</u> MILITARY CO	NSTRUC	TIOIT	V PR	OJECT DA	TA 2. 0	PATE
S. INSTALLATION A	ND LOC	ATION		4. PR	OJECT	TITLE		
NAVAL MAGAZIN	E,			E	LECT	RICAL DIS	TRIBUTI	ON
LUALUALEI, HA	WAII			L	INES	RELOCATI	ON	
5. PROGRAM ELEME	NT	6. CATEGORY CODE	7. PROJEC	TNU	MBER	S. PROJ	ECT COST ((\$000)
0204996N		812.30	P-11	7			1,400	
		9. COI	T ESTIMA	TES				
		ITEM			U/M	QUANTITY	COST	COST (\$000)
ELECTRICAL DI	STRIB	SUTTON LINES RELOC	ATION .	•	LF	23,500	54.00	1,270
SUBTOTAL					-	-	-	1,270
CONTINGENCY (5%) .				-	-	-	60
TOTAL CONTRAC	r cos	ST			-	-	_	1,330
SUPERVISION,	INSPE	ECTION & OVERHEAD	(5.5%).		-	_	-	70
TOTAL REQUEST	٠				_	-	-	1,400
EQUIPMENT PRO	VIDE	FROM OTHER APPRO	PRIATIO	NS	-	- (NC	N-ADD)	(0)
10 DESCRIPTION OF	PROP	OSED CONSTRUCTION						

Re-route overhead electrical distribution lines, poles, and underground service laterals.

11. REQUIREMENT: 23,500 LF. ADEQUATE: 0 LF. SUBSTANDARD: (23,500) LF. PROJECT: Relocate electrical distribution lines. (Current mission.) REQUIREMENT: Naval Magazine Waikele Branch utilizes 120 tunnel magazines to store explosives. The naval ordnance manual requires that overhead electric power lines be located no closer than 50-feet to buildings containing explosives and pole spacing be such that no portion of lines can fall on explosive containing buildings in the event of a line break. Electrical service drops to magazines shall be underground for the last 50-feet.

CURRENT SITUATION: The existing electrical distribution lines are overhead and strung over the magazines. The electrical service drops to the magazines are also overhead. An electrical line break can cause the line to fall on the magazine structure. The overhead service and the distribution line, because of its location, is in violation of safety code requirements.

IMPACT IF NOT PROVIDED: Waiver to use tunnel magazines must continue to be maintained, and the hazards of the overhead electric power lines in the close vicinity will continue. The occurence of an explosion is a constant threat to life and property.

(Continued on DD 1391c)

DD 1 DEC 76 1391 S/N @102-LF-001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

. COMPONE	NT		01		2. DATE
YVAN	- 1	FY	19 11 MILITARY CONSTRUCTION PROJECT D	PATA	
3. INSTALLA	TION A	ND LO	CATION		
NAVAL MA	GAZIN	E, L	VALUALEI, HAWAII		
4. PROJECT 1	TITLE			S. PROJE	CT NUMBER
electric	AL DI	STRIE	UTION LINES RELOCATION		P-117
12. SUP	PLEME	ntal	DATA:		
a. Military			design status: (Project design conform 1190, "Facility Planning and Design Guid		art II of
	(1)	Stat	:us:		
		(a)	Date Design Started	• • • • •	. 10-88
		(b)	Percent Complete as of January 1990		. 100
		(c)	Date Design 35% Complete		
		(d)	Date Design Complete	•••••	· <u>9-89</u>
	(2)	Basi	is:		
		(a)	Standard or Definitive Design:	Yes	NoX
		(b)	Where Design Was Most Recently Used:	N	/A
	(3)	Tota	al cost (c) = (a) + (b) or (d) + (e):		(\$000)
		(a)	Production of Plans and Specifications.		.()
		(b)	All Other Design Costs		. (75_)
		(c)	Total		
		(đ)	Contract		
		(e)	In-house	• • • • •	• (75_)
	(4)	Cons	struction start		
				month	and year)
b.	Egui	pment	associated with this project which will	l be pr	ovided
•	-	-	ciations: None.		-
	•	- •			

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 254 -

NAVY								1	2. DATE	
		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM			
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND			S. AREA C	
COMMANDER PEARL HAR			TEM PACI	FIC.		ANDER IN C	HIEF,	ĺ	1.39	
. PERSONNEL		PERMANENT			STUDENTS			SUPPORT	ED	T
STRENGTH a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END FY	31	151	14	0	0	٥	٥	21	0	21
1994	35	153	14	0	0	0	0	21	0	223
			7.	INVENTO	RY DATA ((000				
b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOT 8. PROJECTS F	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN IN JESTED IN LUDED IN I HREE PROGR	VENTORY. THIS PRO- FOLLOWING RAM YEARS	GRAM				0 1,280 10,200 17,500 3,500 2,050 34,530		
CATEGORY							· с	OST	DESIGN	STATUS
217.10 SU	DTACC CIII	PROJECT PPORT CENT			 -				DESIGN START 11/88	
9. FUTURE PR	DJECTS:									
A. INCLUD 151.50 PI	ER IMPRO		ROGRAM			LS		17,500 17,500		
151.50 PI	ER IMPRO	VEMENTS NEXT THREE				LS		17,500 17,500 3,500		
151.50 PI B. MAJOR 137.10 BU 10 MISSION 0 Cond on c	ER IMPROTOTAL PLANNED ! ILDING UI R MAJOR ucts ocean	VEMENTS NEXT THREE PGRADE FUNCTIONS Enographic s in the I	E YEARS:	res.	provide	LS extensive		3,500		
B. MAJOR 137.10 BU 10 MISSION 0 Cond on c	ER IMPRO' TOTAL PLANNED ! ILDING U! R MAJOR ucts oce ondition: NG POLLU' TION ABA'	VEMENTS NEXT THREE PGRADE FUNCTIONS anographic in the I	E YEARS: C observa Pacific A	res.		extensive		3,500		
151.50 PI B. MAJOR 137.10 BU 10 MISSION D COND ON C	ER IMPRO' TOTAL PLANNED 1 ILDING UI R MAJOR LET'S DEED OND TOTAL NG POLLU TION ABA LLATION	VEMENTS NEXT THREE PGRADE FUNCTIONS Enographic En the I TION AND TEMENT RESTORATIO	E YEARS: C Observa Pacific A SAFETY DE	FICIENCI		LS extensive		3,500		
B. MAJOR 137.10 BU 10 MISSION O Cond on c 11 OUTSTANDI A: POLLU B: INSTA	ER IMPRO' TOTAL PLANNED 1 ILDING UI R MAJOR LET'S DEED OND TOTAL NG POLLU TION ABA LLATION	VEMENTS NEXT THREE PGRADE FUNCTIONS Enographic In the I TION AND TEMENT RESTORATIO	E YEARS: C Observa Pacific A SAFETY DE	FICIENCI		extensive		3,500		
B. MAJOR 137.10 BU 10 MISSION O Cond on c 11 OUTSTANDI A: POLLU B: INSTA	ER IMPRO' TOTAL PLANNED 1 ILDING UI R MAJOR LET'S DEED OND 1110N NG POLLU TION ABA LLATION	VEMENTS NEXT THREE PGRADE FUNCTIONS Enographic In the I TION AND TEMENT RESTORATIO	E YEARS: : Observa Pacific A	FICIENCI		extensive		3,500		
B. MAJOR 137.10 BU 10 MISSION O Cond on c 11 OUTSTANDI A: POLLU B: INSTA	ER IMPRO' TOTAL PLANNED 1 ILDING UI R MAJOR LET'S DEED OND 1110N NG POLLU TION ABA LLATION	VEMENTS NEXT THREE PGRADE FUNCTIONS Enographic In the I TION AND TEMENT RESTORATIO	E YEARS: : Observa Pacific A	FICIENCI		extensive		3,500		
B. MAJOR 137.10 BU 10 MISSION O Cond on c 11 OUTSTANDI A: POLLU B: INSTA	ER IMPRO' TOTAL PLANNED 1 ILDING UI R MAJOR LET'S DEED OND 1110N NG POLLU TION ABA LLATION	VEMENTS NEXT THREE PGRADE FUNCTIONS Enographic In the I TION AND TEMENT RESTORATIO	E YEARS: : Observa Pacific A	FICIENCI		extensive		3,500		

DD FORM 1390 1DEC76

PEARL HAPBOR.	NOGRAPHIC SYSTEM PAC	CIFIC,	4. PROJEC	TITLE		
PEARL HAPBOR.		CIFIC,	ł			
PEARL HAPBOR.						
	HAWAII	·	SURTA	SS SUPPOR	T CENTE	R
B. PROGRAM ELEMEN		7. PROJEC	TNUMBER		CT COST (
				[
0204311N	217.10	P-41	7	1	0,200	
	9. 0	OST ESTIMA	TES			
	ITEM		U/M	QUANTITY	UNIT	COST (\$000)
SURTASS SUPPOL	T CENTER		. SP	86,600	90.00	7,800
SUPPORTING FAC	CILITIES		.]-	-	-	1,410
SPECIAL CONS	TRUCTION FEATURES		. LS	i -	_	(490)
ELECTRICAL (TILITIES		. Ls	-	-	(290)
MECHANICAL U	TILITIES		. LS	-	-	(170)
PAVING AND S	SITE IMPROVEMENT		. LS	-	-	(460)
SUBTOTAL			.]-	-	-	9,210
CONTINGENCY (5	it)		.]-	-	-	460
TOTAL CONTRACT	COST		• •	-	-	9,670
SUPERVISION, 1	inspection & overhead	0 (5.5%).	. -	-	-	530
TOTAL REQUEST.	. .		. -	-	-	10,200
EQUIPMENT PROV	VIDED FROM OTHER APPI	ROPRIATIO	ns -	- (NO	N-ADD)	(0)

Pre-engineered metal frame building, pile foundation, concrete floor, metal roofing and siding, fire protection system, security alarm system, ventilation and air conditioning, utilities, security fencing and lighting, storage tanks.

11. REQUIREMENT: 86,600 SF. ADEQUATE: 9 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs Surveillance Towed Array Sensor System (SURTASS) support center. (New mission.)

REQUIREMENT: Adequate facilities to support the fourteen SURTASS ships deployed in the Pacific area by 1993. These ships require servicing through support facilities sufficient to house the maintenance equipment, repair shops, logistic supply storage, and administrative office space for

CURRENT SITUATION: The existing facility was originally sited, designed and constructed to support Pacific Ocean surveillance operations for a flaet of six mono-hulled T-AGOS class ships. The activity will not be able to support the berthing, maintenance and servicing of five SWATH class and nine larger T-AGOS class ships.

IMPACT IF NOT PROVIDED: Adequate facilities will not be available to support and maintain the SURTASS Program. If the ships cannot be maintained the required operating tempo and level of ocean surveillance will not be met.

(Continued on DD 1391c)

DD: 50AM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPO	MENT		2. DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DAT	
3. INSTAL	LATION A	AND LOCATION	~~ _
		SANOGRAPHIC SYSTEM PACIFIC, PEARL HARBOR, HAWAII	
4. PROJEC	TITLE	5.7	ROJECT NUMBER
SURTAS	S SUPPO	ORT CENTER	P-417
12. S	UPPLEME	ENTAL DATA:	
		imated design status: (Project design conforms dibook 1190, "Facility Planning and Design Guide."	
	(1)	Status:	
		(a) Date Design Started	100
		(c) Date Design 35% Complete	5-89
	,	(d) Date Design Complete	1-90
	(2)		
		(a) Standard or Definitive Design: Yes (b) Where Design Was Most Recently Used:	NO X
	(3)	, , , , , , , , , , , , , , , , , , , ,	(<u>\$000</u>)
		(a) Production of Plans and Specifications (b) All Other Design Costs	(
		(c) Total	(40_)
		,.,	
	(4)	Construction start(mo	4-91 nth and year)
from o		ipment associated with this project which will be oppropriations: None.	e provided
		·	
			•
			i

1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM NAVY 5. AREA CONSTR. COST INDEX 3. INSTALLATION AND LOCATION 4. COMMAND NAVAL SUBMARINE BASE, PEARL HARBOR, HAWAII COMMANDER IN CHIEF, PACIFIC FLEET 1.39 PERSONNEL PERMANENT STUDENTS SUPPORTED STRENGTH TOTAL OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN ENLISTED CIVILIAN A. AS OF 09/30/88 b. END FY 430 252 32 238 0 ٥ 5166 21 82 1994 4145 252 47 ٥ ٥ 5299 428 324 21 82 7. INVENTORY DATA (\$000) a. TOTAL ACREAGE
b. INVENTORY TOTAL AS OF 30 SEP 88
c. AUTHORIZATION NOT YET IN INVENTORY
d. AUTHORIZATION REQUESTED IN THIS PROGRAM
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM
f. PLANNED IN NEXT THREE PROGRAM YEARS
g. REMAINING DEFICIENCY 68.700 24,060 2,000 74,550 84.330 h. GRAND TOTAL 8. PROJECTS REQUESTED IN THIS PROGRAM: COST (\$000) CATEGORY DESIGN STATUS SCOPE START COMPLETE CODE PROJECT TITLE 812.30 ELEC DIST SYS IMPROVES 2,000 L5 10/88 TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 51.20 BERTHING PIER 51.20 PIER MODERNIZATION 151.20 33,000 SF 19.000 LS 170, 190 SF 13,700 SF 21.780 151.20 213.30 SIMA CHILD CARE CTR ADDITION SECURITY LIGHTING TOTAL 950 812.40 LS 10. MISSION OR MAJOR FUNCTIONS:

Maintain and operate shore facilities for training and experimental operations of the submarine forces; provide logistic support to submarines. Services the Commander, Submarine Forces, US Pacific Fleet and two submarine attack squadrons. 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
A: POLLUTION ABATEMENT
B: INSTALLATION RESTORATION
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): (\$000) 230 0

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1. COMPONENT	FY 1:	9_91_MILITARY CO	ONSTRUC	TION PR	DJECT DA		ATE		
3. INSTALLATION A	ND LOCA	ATION		4. PROJECT	TITLE				
NAVAL SUBMARI						TRI BUTI	on system		
PRARL HARBOR. 5. PROGRAM ELEMI		6. CATEGORY CODE	7. PROJEC	TNUMBER	WEMENTS B. PROJ	a. PROJECT COST (\$000)			
. 0204896N		812.30	P-11		2.000				
		9. CC	ST ESTIMA	res					
		ITEM		U/M	QUANTITY	UNIT COST	(\$000)		
DISTRIBUTION SUBSTATION SUBSTATION CABLE BOOM SUBTOTAL CONTINGENCY TOTAL CONTRAC SUPERVISION, TOTAL REQUEST	BUILD:	ING	(5.5%).	LF KV SF LS	590 - - - - -	23.00 185.00 152.00 - - - - N-ADD)	1,810 (600) (1,020) (90) (100) 1,810 90 1,900 100 2,000 (0)		

12 KV electrical feeder lines, transformer substation additions and transformers, primary switchgear, secondary distribution switchboards, feeder lines, shorepower outlets, cable booms.

11. REQUIREMENT: As Required.

PROJECT: Upgrades shore power to berthing wharfs. (Current mission.)

REQUIREMENT: Sufficient reliable electric power to support testing, repair and maintenance of modern submarines. More repair and intermediate maintenance work will be performed on submarines to extend overhaul intervals. The shore power system must be upgraded to ensure the readiness sustainability of the submarine fleet.

CURRENT SITUATION: Submarine Berths S10, S11, and S21A are inadequate to service modern submarines. Berth S8 has sufficient capacity to support special testing, however, testing is limited to one submarine at a time. Scheduling of tests is dependent on the availability of berthing at S8 and is often delayed because several submarines may have to be moved and re-berthed. The lack of adequate shore power limits the amount of preparation and minor repair work which can be performed at the Berth. IMPACT IF NOT PROVIDED: The lack of adequate shore power will delay submarine testing, repair and maintenance schedules, impacting on maintenance efficiency and operational readiness of the fleet.

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

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1. COMPONE	NT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA	2. DATE
J. INSTALLA	TION A	AND LOCATION		
		NE BASE, PEARL HARBOR, HAWAII		
4. PROJECT	TITLE		S. PROJE	CT NUMBER
ELECTRIC	AL DI	STRIBUTION SYSTEM IMPROVEMENTS		P-114
12. SUP	PLEME	NTAL DATA:		
a. Military		mated design status: (Project design conform Book 1190, "Facility Planning and Design Guide		art II of
	(1)	Status:		
	,_,	(a) Date Design Started(b) Percent Complete as of January 1990(c) Date Design 35% Complete(d) Date Design Complete	• • • • • •	. 100
	(2)	Basis:		
		(a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	YesN	No X
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	• • • • • •	• (<u>25</u>) • <u>95</u> • (<u>10</u>)
:	(4)	Construction start		4-91 and year)
b. from oth	_	pment associated with this project which will propriations: None.	be pr	ovided

1.	COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PR	OGRAM	12	. DATE	
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	NO			AREA COST	
	NAVAL SUPI					NAVA COMA	L SUPPLY	SYSTEMS	:		
	PERSONNEL		PERMANEN	<u> </u>		STUDENTS	i		SUPPORTE	D	
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
	AS OF 09/30/88 END FY	20	12	614	0	0	13	•	4	42	713
Φ.	1984	20	12	614	0	0	13		4	42	713
				7.	INVENTO	RY DATA (\$000)				
b c d	TOTAL ACRI INVENTORY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GRAND TOT	TOTAL A: TION NOT TION RECK TION INC N NEXT TO DEFICIENTAL	YET IN II UESTED IN I LUDED IN I HREE PROGI	VVENTORY. THIS PRO FOLLOWING RAM YEARS	GRAM PROGRAM				22,990 23,130 1,500 8,200 6,000 29,290 91,110		
CA	TEGORY		PROJECT	TITLE			SCOPE		05T		STATUS COMPLETE
•	851,10 RD/	TOTAL					L\$		1,500	09/88	06/89
1	A. INCLUDI 154.20 REI						1,040	LF	8,200		
1	8. MAJOR (125.10 OI:						LS		6,000		
	in ti	ndes a w ne geogra fic Flee	ide varie aphic area t units.	ty of sup a and pro	vides su	support s pply, POL	, and sup				
	A: POLLUT	TION ABA		ON .		6.0 3.6	oo				
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					•						
					•						

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1. COMPONENT 2. DATE FY 19.91 MILITARY CONSTRUCTION PROJECT DATA YVAK 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL SUPPLY CERTER. PRARI. HARBOR, HAMATI B. PROGRAM ELEMENT & CATEGORY CODE 7. PROJECT NUMBER A. PROJECT COST (8000) 0702896N 851.10 1.500 9. COST ESTIMATES UNIT COST (9000) ITEM QUANTITY LS 1,350 (510) SY 60.00 8,530 CLEARING AND GRADING LS 340) 240) LS LS 260) 1,350 70 1,420 _ SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 80 1,500 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD) (0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Asphaltic concrete roadway, drainage, street lighting, water line relocation, sidewalk, and fencing.

11. REQUIREMENT: As Required.

PROJECT: Provides alternate on-base route to Navy facilities. (Current mission.)

REQUIREMENT: Safe access to Navy housing, piets, wharves, and warehouses on the Pearl City Peninsula.

CURRENT SITUATION: Lehua Avenue, the only access road on the Pearl City Peninsula, passes adjacent to the center's Pearl City Fuel Annex consisting of four fuel storage tanks that contain 460,000 barrels of volatile MOGAS and JP-4 and associated pumphouses and piping systems. The fuel annex facilities are located only 50-feet from Lehua Avenue and are subject to careless or accidental ignition sources. A fire or explosion at the fuel annex will seriously endanger vehicles and pedestrians on Lehua Avenue as well as disrupt fuel resupply to Hickam Air Force Base and Other mid-Pacific bases. In October 1985 a fire did occur at one of the tanks, closing Lehua Avenue to traffic and pedestrian use. A nursery school across the street from the tank had to be evacuated. Although no one was injured, the need to provide an alternate peninsula access route away from fuel annex facilities became essential.

(Continued on DD 1391c)

DD, FORM, 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONE	NT		A1		Z. DATE
NAVY			19 ⁹¹ _MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLA	TION A	NO LO	CATION		
MAVAL SUI	PPLY	CENTE	R, PEARL HARBOR, HANAII		
4. PROJECT	TITLE			S. PROJ	ECT NUMBER
ROAD					P-133
INPACT I	r wor	PROV	(Continued) 'IDED: Potential careless and accidental:	source	s of
pecanse (will of it	s pro	inue to pose a threat to the Pearl City I eximity to Lehua Avenue and a resulting m	ejor e	nnex xplosion
			eaten the safety of anyone using Lehua Ave the Pearl City Peninsula.	enue,	the only
			cus iders cool remainment.		
12. SUP	PLEME	NTAL	DATA:		
	3 000 d		design status. (Decidest design souforms	- to D	hat II of
a. Military			design status: (Project design conform 1190, "Facility Planning and Design Guide		arc II or
	(1)	Stat	ene.		
!	(1)	(a)	Date Design Started		. 9-AA
[Percent Complete as of January 1990		100
\$		(c)	Date Design 35% Complete		
		(a)	Date Design Complete		
l	(2)	Basi	s:		
)		(a)	_	Yes	NoX
ļ		(b)	Where Design Was Most Recently Used:	N	<u>/A</u>
	(3)		11 cost (c) = (a) + (b) or (d) + (e):		(<u>\$000</u>)
ł		(a)	Production of Plans and Specifications.		
Į		(p)	All Other Design Costs		
1		(c)	Total		
		(d)	Contract		
}		(e)	In-house	•••••	. (50_)
	(4)	Cons	struction start(month	2-90 and year)
b.	Ecui	omen i	associated with this project which will	be pr	ovided
			dations: None.		
			•		
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DD 1 50RM 1391c S/H 0100-LF-001-3015

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

TAPPALLATE										
	ON AND LO			-	4. COMMA	NO		; 5	. AREA C	
NAVY PUBL PEARL HAR	IF WORKS	CENTER.				L FACILI WEERING	TIES COMMAND	:		
PERSONNEL STRENGTH	<u></u>	PERMANEN'	r		STUDENTS		SUPPORTE	.D		
a. AS OF	OFFICER	SMLISTED	CIVILIAN	OFFICER	BALISTED	CIVILIAN	OFFICER	CHLISTED	CIVILIAN	TOTA
09/30/88 D. END FY	13	•	1359	0.	-	0	-	-	0	137
1894	13		1233		0	0				124
			7.	INVENTO	RY DATA (4		-	124
A. TOTAL ACR	EAGE			(2,063)					
b. INVENTORY c. AUTHORIZA d. AUTHORIZA d. AUTHORIZA f. PLANNED IN g. REMAINING h. GRAND TOT	TION NOT TION REQU TION INCL N NEXT TH DEFICIEN 'AL	VET IN IN JESTED IN JUDED IN F REE PROGR	THIS PROF THIS PROF THE THIS PROF TAM YEARS	DRAM PROGRAM				89,100 86,450 6,900 6,370 86,400 33,950 78,870		
. PROUECTS R	EGGESIED	TM 11172	PRUGRAM:							
CODE		PROJECT	TITLE			SCOPE)\$T	DESIGN	STATUS
214.20 AUT	O VEHICL	E MAINT S	HOP			43,200	SF		11/88	01/90
A. INCLUDE 812.30 UTI	D IN FOL	LOWING PR	OGRAM DVS			ĿS		6 270		
	TOTAL							6,370 6,370		
8. MAJOR P 218.20 PW	LANNED N	EXT THREE	YEARS:			\$2,770	••	***		
	C POWER	1				LS		500 2,200		
831.10 SEW	AGE SYST	EM IMPROV	EMENTS			3.900 LS		2.700 4.000		
Suppo activ Naval Naval Naval Marin	de publi facilit rt incid itles, a Complex Shipyar Air Sta e Barraci	C Works, ies plann ent there nd other d tion, Bari	ing suppo to, requi commands pers Poin	rt, and red by t located	all other	public ing forc cinity o Naval Naval	oring Zerv Works log les, depen f the Pea Submarine Station Supply Ce Housing	istics dent rl Harbor Base nter		
	ION ABATI Lation Ri	EMENT Estoration			5: (\$000 13,840 10,180	5				

1. COMPONENT FY	19.91 MILITARY CO	NSTRUC	TION PR	OJECT DA		ATE
3. INSTALLATION AND LO	CATION		4. PROJECT	TITLE		
NAVY PUBLIC WORKS	CENTER.		AUTON	OTIVE VEH	ICLE	
PEARL HARROR, NAM	- ·			ENANCE SH		
S. PROGRAM ELEMENT	S. CATEGORY CODE	7. PROJEC	TNUMBER	8. PROJ	ECT COST (\$000)
	1	ł		ļ		
0702096N	214.20	2-50			6.900	
	9. 00	T ESTIMA	768			
	ITEM		U/M	QUANTITY	UNIT COST	COST (9000)
AUTONOTIVE VEHICL	E MAINTENANCE SHOP		. SF	43,200	-	4,040
REPAIR AND MAIN	TENANCE SHOPS		. SF	26,400	78.00	(2,060)
MAINTENANCE STO	rage pacility		. SF	3,600	50.00	(180)
VEHICLE AND EQU	IPMENT HOLDING SHE	D	. SF	13,200	40.00	(530)
BUILT-IN BQUIPM	ENT		. Ls	-	-	(1,270)
SUPPORTING FACILI	ries		. -	-	-	2,190
ELECTRICAL UTIL	ITIES		. ເຮ	-	-	(370)
MECHANICAL UTIL	ITIES		. LS	-	-	(580)
PAVING AND SITE	IMPROVEMENT		. Ls	i -	-	(860)
DEMOLITION			. LS] -	-	(<u>380</u>)
SUNTOTAL			. -	-	-	5,230
CONTINGENCY (5%)			. -	-	-	310
TOTAL CONTRACT CO	ST		. -	-	-	6,540
SUPERVISION, INSP	ECTION & OVERHEAD	(5.5%).	. -	-	! -	360
TOTAL REQUEST			. -	-	1 -	6,900
EQUIPMENT PROVIDE	D FROM OTHER APPRO	PRIATIO	NS -	- (NO	H-ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three one-story high-bay steel frame metal buildings, concrete foundations and floors, weight handling equipment, hydraulic lifts, exhaust system, compressed air system, paint spray tooth, wash rack, lubrication system, fire protection system, air conditioning, utilities; demolition of six buildings.

11. REQUIREMENT: 43,200 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs automotive vehicle and construction and weight handling equipment maintenance shops, public works maintenance storage, supporting administrative space, vehicle and equipment holding shed. (Current mission.)

REQUIREMENT: Adequate and properly-configured transportation maintenance facilities for efficient work areas, inspection, maintenance and repair of all transportation, construction and weight handling equipment assigned to the Pearl Harbor Naval Base.

CURRENT SITUATION: The transportation maintenance division is current / housed in six wood-frame buildings constructed during World War II. These buildings are functionally inadequate because of age, improper layout, and the lack of modern equipment and fire deterrent systems. All of the buildings are badly deteriorated and termite damaged. The automotive service shop is undersized and lacks necessary hydraulic lifts, underground exhaust systems, overhead bridge cranes to handle the heavier construction equipment items, and other modern built-in equipment.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

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IT T			2. DATE
		ATA	2. 00.15
TON AT	ND LOCATION	-	
****	ARMS ANNUAL ROLLS MANNOS, MANNATT		
ITLE	JANG CENTER, PERFL SHEETIN, STORES	TE PROJ	ECT NUMBER
	!		
TE VE	AICLE MAINTENANCE SHOP	<u> </u>	P-504
no se shop no se shop no se shop no se shop no se shop no se se shop no se sh	TION: (Continued) eparate area for the construction and weight p or holding shed. PROVIDED: Productivity of the transportation e restricted by inadequate facilities and laculting in higher costs and less than optimum	n depar ck of b	rtment will ouilt-in
LENE	NTAL DATA:		
	· · · · · · · · · · · · · · · · · · ·		ert II of
(1)	(a) Date Design Started	•••••	100 5-89
(2)		YesN	No X
(3)	(a) Production of Plans and Specifications. (b) All Other Design Costs	•••••	(<u>280</u>) (<u>600</u>)
(4)			2-91 and year)
		i be pr	ovided
	TOWARD TO WE TENDER TO BE EASIER HANDE (1) (2) (4) Equip	FY 19_1 MILITARY CONSTRUCTION PROJECT DETON AND LOCATION JC WORKS CENTER, PEARL HARBOR, HAMAII JULE WE VEHICLE MAINTENANCE SHOP JETUATION: (Continued) HOT PROVIDED: Productivity of the transportation and weight shop or holding shed. HOT PROVIDED: Productivity of the transportation to be restricted by inadequate facilities and lace resulting in higher costs and less than optimum supported customers in Pearl Harbor. JEMENTAL DATA: Estimated design status: (Project design conform Handbook 1190, "Facility Planning and Design Guid (1) Status: (a) Date Design Started	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA TOWN AND LOCATION IC WORKS CENTER, PEARL MARBOR, MAMAII TO VEHICLE MAINTENANCE SHOP INTENTION: (Continued) BITUATION: (Contin

. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE		
. INSTALLATIO	N AND LO	CATION			4. COMMA	ND			5. AREA CO	NSTR.	
NAVAL TRA						F OF NAVA		ا م	1.06	NDEX	
GREAT LAK	1				<u> </u>	ATION AND					
STRENGTH		PERMANEN'			STUDENTS				SUPPORTED		
AS OF	OFFICER	ļ		OFFICER	ENLISTED	CIVILIAN	OFFICER				
09/30/88 D. END FY 1994	259	3173	2116	31	8718	0	0	270		1456	
1004		J 3272			RY DATA (L			1400	
A. TOTAL ACR	F. 68			(1.012)						
b. INVENTORY c. AUTHORIZA d. AUTHORIZA d. AUTHORIZA d. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO	TION NOT TION REGI TION INC! N NEXT TI DEFICIE!	YET IN II DESTED IN LUDED IN HREE PROG NCY	VENTORY. THIS PROFOLLOWING RAM YEARS	GRAM			1	87,640 21,650 2,800 4,750 36,000 03,890 56,730			
B. PROJECTS I	4E00E2+EF) IN IHIS	PRUGRAM:				_	OST	DESIGN:	e7 4 TUE	
CODE		PROJECT				SCOPE		1000	START	COMPLET	
171.20 FJ	REMAN API	PRENTICE	TRG SCH			18,000	SF	2,800	11/88	01/90	
9. FUTURE PR	OJECTS:										
A. INCLUD 722.10 ME						104,200	sf	4,750 4,750			
B, MAJOR								0.400			
171.35 DI 171.60 RE						23,900 76,510		3.40C 9.800			
730.10 FI 730.15 BR	RE STATIO	DN				7,300 31,540		1,100 5, 35 0		-	
prim pers	ide basi ary, adv. onnel,	c indoctr anced, an	ination (d special	ized tra	ining for	officer					
1. DUTSTANDI A: POLLU	NG POLLU	TION AND	SAFETY DE	FICIENCI	<u>ES</u> : (<u>\$0</u>	<u>oc</u>)					
B: TNSTA	LLATION	RESTORATI SAFETY AN		(OSH):	5,6						
			_	-							
	•										
							•				

DD FORM 1390 1DEC76

والمناورة والمناورة والمعروب										_		
1. COMPONENT	FY 1	9 <u>91</u> MIL	ITARY CO	NST	RU	СТ	101	I PR	DJECT	DA'		ATE
3. INSTALLATION	ND LOC	ATION				14	. PR	OJECT	TITLE		· · · · · · · · · · · · · · · · · · ·	
NAVAL TRAINI	NG CEN	TER.				1	F	IREM	AN APP	REN	TICE TR	AINING
GREAT LAKES.		•	•			1		CHOO				
5. PROGRAM ELEM		6. CATEGO	RY CODE	7. P	ROJE	СТ		ABER		101	ECT COST (\$000)
0805796พ		171	. 20		P-4	71				2	.800	
			9. CO	ST ES	TIM	ATE	8					
		ITEM						U/M	QUANTI	TY	UNIT	COST (\$000)
FIREMAN APPR	ENTICE	TRAININ	IG SCHOOL		•			SF	18,0	00	111.00	2,000
SUPPORTING F	ACILIT	IES				. ,		-	-		-	520
ELECTRICAL	UTILI	TIES						LS	-		_	(150)
MECHANICAL	UTILI	TIES				. ,		LS	-		-	(200)
PAVING AND	SITE	IMPROVEM	ŒNT			. ,		LS	-		! -	(80)
DEMOLITION								LS	_		-	(90)
SUBTOTAL								-	_		-	2,520
CONTINGENCY	(5%) .				•			_	-		-	130
TOTAL CONTRA	CT COS	т			•			-	-		-	2,650
SUPERVISION,	INSPE	CTION &	OVERHEAD	(5.	5%)			_	_		-	150
TOTAL REQUES	r							-	-		-	2,800
EQUIPMENT PR	OVIDED	FROM OT	THER APPRO	PRI	ATI	ON:	S	-	-	(NON-ADD) (0)
-												

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame building, masonry walls, concrete foundation and floors, built-up roofing on metal roof deck, fire protection sprinkler system, utilities, air conditioning; demolition of one building.

11. REQUIREMENT: 18,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides an instruction building. (Current mission.)
REQUIREMENT: Adequate facilities for the fireman apprentice training program.

CURRENT SITUATION: The existing facility is a one-story wood frame building constructed 45 years ago as an armory, and was not intended to function as a vocational school. It is presently being used both as a fireman and seaman school.

IMPACT IF NOT PROVIDED: Fireman training will continue to be taught in a deteriorated building not designed for training purposes. The quality of instruction will suffer, adversely affecting the ability of the firemen to adequately support fleet activities.

(Continued on DD 1391c)

DD 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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IAVY INSTALLATIO IAVAL TRAI PROJECT TIT	ning cen	19 ⁹¹ MILITARY CONSTRUCTION PROJECT E PATION TER, GREAT LAKES, ILLINOIS	DATA
AVAL TRAI	NING CEN		
		TER, GREAT LAKES, ILLINOIS	
PROJECT TIT			
	LE		5. PROJECT NUMBER
IREMAN AP	PRENTICE	TRAINING SCHOOL	P-471
.2. SUPPL	emental	DATA:	
		design status: (Project design conform 1190, "Facility Planning and Design Guid	
(1) Stat (a) (b) (c) (d)	Date Design Started	100 5-89
(2) Basi (a) (b)	s: Standard or Definitive Design: Where Design Was Most Recently Used:	Yes No X
(3) Tota (a) (b) (c) (d) (e)	l cost (c) = (a) + (b) or (d) + (e): Production of Plans and Specifications. All Other Design Costs	(<u>50</u>) <u>190</u> (<u>165</u>)
(4) Cons	truction start	12-90 (month and year)
		associated with this project which will iations: None.	•

DD 1 DEC 76 1391C

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. INSTALLATIO					4. COMMA			15	. AREA CO		
NAVY PUBL GREAT LAK						NAVAL FACILITIES ENGINEERING COMMAND 1.06					
. PERSONNEL STRENGTH		PERMANENT	r 		STUDENTS	i	SUPPORTE	DRTED			
AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
09/30/88 D. END FY	11	0	630	0	•	0	۰	0	0	64	
1994	13	6	596	0	0	0	٥	0	0	61	
			7.	INVENTO	RY DATA ((000					
a. TOTAL ACR		, , , , ,		(588)				<u> </u>		
b. INVENTORYc. authoriza								88,830 1,930			
d. AUTHORIZA	TION REOL	JESTED IN	THIS PRO	GRAM				1,800			
e. AUTHORIZA f. Planned I								8,850 4,800			
9. REMAINING	DEFICIEN	NCY						49,770			
h. GRAND TO	AL · ·		· · · · ·		<u> </u>		1	55,980			
. PROJECTS F	EQUESTED	IN THIS	PROGRAM:								
CATEGORY CODE		PROJECT	TITLE			SCOPE		DST 000:	DESIGN		
	ECT DIST	R SYSTEM 1				LS		1,100	08/88	COMPLET 06/89	
871.10 ST		R SYSTEM I	MPRVS			LS		700	09/88	06/89	
	TOTAL							1,800			
9. FUTURE PR	DUECTS:							·			
A. INCLUD	ED TN E01	I OUTSIC DE	DOCRAM								
	HICLE MA		COGRAM			68,130		3,150			
832.10 SA	NITARY SE TOTAL	EWER SYS I	MPROVS			750	MG	5,700 8,850			
								0.000			
8. MAJUR 610.10 FA						41,500	SF	3,500			
		SYSTEM I				7,000		1,300			
O. MISSION D				*111*108	, public	housino :	transnor	tation			
	ort, engi	ineering s	ervices,	shore f	acilities	planning	support	and all			
					ks nature ivities,				d		
othe	'IE ODELE				ining Cen				1		
othe by t			ttment and	d Procur	ement Com	mand, Head	dquarter	s, and		•	
othe by t by t Cent	he center er, Milii	tary Enlis									
othe by t by t Cent	he center er, Milii						•				
othe by t by t Cent Depa	he center er, Milii rtment of	tary Enlis f Defense	Housing.		ES: (\$0	00)	· ————				
othe by t by t Cent Depa 1. DUTSTANDI A: POLLU	he center er, Milii rtment of NG POLLUT TION ABAT	tary Enlis F Defense TION AND S TEMENT	Housing.		<u>ES</u> : (\$0 6,2	50	· 		, · · · · · , · · · · ·		
othe by t by t Centi Depa 1. OUTSTANDI A: POLLU B: INSTA	he center er, Milii rtment of NG POLLUI TION ABAI LLATION F	TION AND STEMENT	Housing.	FICIENCI		50 0	<u></u>		,		
othe by t by t Cent Depa 1. DUTSTANDI A: POLLU	he center er, Milii rtment of NG POLLUI TION ABAI LLATION F	TION AND STEMENT	Housing.	FICIENCI		50	· 				
othe by t by t Centi Depa 1. OUTSTANDI A: POLLU B: INSTA	he center er, Milii rtment of NG POLLUI TION ABAI LLATION F	TION AND STEMENT	Housing.	FICIENCI		50 0	<u> </u>				
othe by t by t Centi Depa 1. OUTSTANDI A: POLLU B: INSTA	he center er, Milii rtment of NG POLLUI TION ABAI LLATION F	TION AND STEMENT	Housing.	FICIENCI		50 0	·		···		
othe by t by t Centi Depa 1. OUTSTANDI A: POLLU B: INSTA	he center er, Milii rtment of NG POLLUI TION ABAI LLATION F	TION AND STEMENT	Housing.	FICIENCI		50 0					
othe by t by t Centi Depa 1. <u>OUTSTANDI</u> A: POLLU B: INSTA	he center er, Milii rtment of NG POLLUI TION ABAI LLATION F	TION AND STEMENT	Housing.	FICIENCI		50 0					

DD FORM 1390 1DEC76

1. COMPONENT	FY 1	19_91_ MILITARY CO	NSTRUC			ATA	2. 0	ATE
3. INSTALLATION A	ND LOC	ATION .		4. PROJEC	TITLE			
NAVY PUBLIC	WORKS	CENTER,		ELECT	RICAL DI	STRI	BUTI	ON
GREAT LAKES,	ILLIN	OIS		SYSTE	M IMPROV	EMEN	rs	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNUMBER	S. PRO	DIECT C	OST (\$000)
0702096N		812.30	P-53	8		1.10	00	
		9. COS	T ESTIMAT	res				
		ITEM		U/M	QUANTITY		VIT ST	COST (\$000)
SUBTOTAL CONTINGENCY TOTAL CONTRAC SUPERVISION, TOTAL REQUES	(5%) . CT COS INSPE	CTION & OVERHEAD	(5.5%).	·	- (8	- - - - - - - - - - - - - - - - - - -	DD)	990 990 50 1,040 60 1,100 (0)
10. DESCRIPTION O	FPROPO	SED CONSTRUCTION						

Separation of high and low voltage cables, concrete manholes, fiber ducts in concrete envelope, direct burial conduit.

11. REQUIREMENT: As Required.

PROJECT: Provides a network of concrete manholes connected by fiber ducts in concrete conduits. (Current mission.)

REQUIREMENT: Separation of high and low voltage electric power cables to correct code violations. Portions of the electrical distribution system are in violation of the National Electric Code and the institute of Electrical and Electronics Engineers Standards.

CURRENT SITUATION: Some low voltage cables such as telephone, TV, fire alarm, street lighting, and secondary feeders are in the same manholes as the medium voltage cables. This code violation presents a safety hazard for maintenance personnel entering the manholes, and presents a potential problem of medium voltage feedback through the low voltage cables. IMPACT IF NOT PROVIDED: Continual safety hazards and code violations.

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONE!	T	FY 1	19 <u>91</u> (MILITARY CONSTRUCTION PROJE	CT DATA	2. DATE
NAVI 3. INSTALLA	TION 4	NO LOC	ATION			
a	,,,,,,,					
NAVY PUB	LIC W	ORKS	CENTRE	, GREAT LAKES, ILLINOIS		
4. PROJECT 1				.,	S. PRO.	ECT NUMBER
					1	
ELECTRIC	AL DI	STRIB	UTION	SYSTEM IMPROVEMENTS	_1	P-538
	•					
12. SUP	PLEME	NTAL	DATA:			
	Reti	mated	desta	n status: (Project design cor	aforme to	Part II of
				*Facility Planning and Design		Part II Or
	(1)	Stat	us:	•		
		(a)	Date	Design Started		., 8-88
		(b)	Perce	ent Complete as of January 1990		100
		(c)	Date	Design 35% Complete		1-89
		(d)	Date	Design Complete	• • • • • • • • • •	6-89
	(2)	Basi	s:			·
		(a)	Stand	lard or Definitive Design:	Yes	No X
		(b)	Where	Design Was Most Recently Used	i:	N/A
	(3)	Tota	l cost	: (c) = (a) + (b) or (d) + (e):	•	(\$000)
				ction of Plans and Specificati		(105)
				ther Design Costs		
		(c)	Total			140
		(d)	Contr	act		(<u>120</u>)
		(e)	In-ho	ouse	• • • • • • • • • • •	(20)
	(4)	Cons	tructi	on start		12-90
					(month	and year)
b.	Equi	Dmen+	3550C	iated with this project which	will be n	oorided.
from other	_	_			water no h	r a + TMAR
	ab	"- CPL	-46101	in unite		

DD 1 708M 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		FY ·	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
3. INSTALLATIO	N 4410 I G	CATION			4. COMMA	NO.			B. AREA CO	NETE
			_		}				COST I	
NAVAL WEAT CRANE, INC		PORT CENTE	:R,		COMM	AND	TEMS		1.12	
6. PERSONNEL STRENGTH		PERMANENT	· ·		STUDENTS			SUPPORT	ED	TOTAL
4. AS OF	OFFICER ENLISTED CIVILIAN			OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	CIVILIAN	,,,,,,,
09/30/88 b. END FY	28	179	4390	•	0	0	٥	-	0	4597
1994	28	183	4400	0	0	0	٥	0	0	4611
			7.	INVENTO	RY DATA ((000				
a. TOTAL ACR b. INVENTORY C. AUTHORIZAT d. AUTHORIZAT e. AUTHORIZAT f. PLANNED IN g. REMAINING h. GRAND TOT	TOTAL ASTION NOT TION REQUIRED INC. INC. TO DEFICIE!	YET IN IN JESTED IN JUDED IN IN HREE ROGE	VENTORY. THIS PROP OLLOWING RAM YEARS	GRAM PROGRAM				36,400 15,190 8,900 550 22,700 1,590 85,330		
8. PROJECTS R	EQUESTED	IN THIS	PROGRAM:							
CATEGORY CODE		PROJECT	TITLE			SCOPE		OST (000)	DESIGN START	
		MAINT SHOP MTRLS MGM				25,000 80,000		4,000 4,900 8,900	02/89 02/89	08/90 10/90
B. MAJOR F 212.30 MIS 310.33 MIG 216.60 QUA	ED IN FOR ST CONTRO TOTAL PLANNED M SSILE MAI CROWAVE (NEXT THREE INTENANCE COMPONENTS	YEARS:			5,000 LS LS 2,930 32,500		550 550 2.200 5,900 1.500 4.400		
shipt ordne warfs syste miss ammur 11. <u>OUTSTANDIN</u> A: POLLUI B: INSTAL	de materioard weather the pyroms, election, grantion, grantion, grantion and the pyroms and the	rial, tech spons systems, include extechnics, extronic connents, ar- gun system	inical and sems and sing small electron imponents id rotations, and markety DE	essigned l arms, nic warf; such as ng compo- lssiles, FICIENCI	57,7	le and no rol, anti t ballist s, microw ros), con	nexpenda -submari ic missi ave tube	ble ne le s,	nt.	

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1. COMPONENT	EV 1	9_91_MILITARY CO	NCTRIC	TION DO	O IECT DA		ATE
NAVY	FY 1	MILITARY CO	MOI NUC	I IUN PR	UJEC! UA	'A	
3. INSTALLATION A	ND LOC	A 710N		4. PHOJEC	TITLE		
NAVAL WEAPONS	SUPP	ORT CENTER,		ELECT	RONICS CO	MMUNICA	TION
CRANE, INDIANA MA					ENANCE SH	OP	
5. PROGRAM ELEME	NT	8. CATEGORY CODE	7. PROJEC	TNUMBER	8. PROJ	ECT COST	(0003
0702096N		217.10	P-:	224		-000	
			ST ESTIMA		· · · · · · · · · · · · · · · · · · ·	<u> </u>	·
		ITEM		U/M	QUANTITY	UNIT	COST (\$000)
ELECTRONICS C	OMMUN	ICATION MAINTENAN	CE SHOP	. SF	25,000	-	3,250
BUILDING .				. SF	25,000	79.00	(1,980)
Built-in Eq	UIPME	NT		. LS	-	-	(1,270)
SUPPORTING FA	CILIT	IES		. -	-	-	360
UTILITIES.				. LS	. -	-	(140)
	SITE	IMPROVEMENT		. LS	i -	-	(
SUBTOTAL				• -	-	-	3,610
Contingency (-	• • • • • • •		• -	-	-	180
TOTAL CONTRAC			• • • •	• -	-	-	3,790
		CTION & OVERHEAD	(5.5%).	• -	j -	-	210
TOTAL REQUEST			• • • •	• -	-	 -	4,000
EQUIPMENT PRO	VIDED	FROM OTHER APPRO	PRIATIO	NS -	- (NON-ADD) (0)
						}	
						1	
				ľ	1	İ	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story masonry building, concrete floor and foundation, single-ply roof with composite decking, concrete spill containment berms, plating waste collection and treatment system; fire protection system, ventilation, utilities.

11. REQUIREMENT: 25,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs an electronic components finishing facility. Functional areas include sandblasting cells, paint booths, zinc, cadmium, stainless steel passivation, anodizing, and conversion coating process lines, surface preparation, post-treatment machining, drying room, temporary storage, waste treatment equipment control, and monitoring room. (Current mission.)

REQUIREMENT: Adequate and properly-configured facility for periodically checking, overhauling and subsequent return to the fleet of electronic components for various weapon and guidance systems. Electronic Items are tested, inspected, and disassembled; component surfaces are sandblasted, degreased, or cleaned in solvent; and then plated, painted, or finish coated as required. The primary program which this facility will support is the AN/ALQ-99 electronic countermeasures weapons system. The refurbishment of the system is in direct support of the EA-6B program. The EA-6B carrier-based aircraft is the primary tactical jamming aircraft for the Navy and the Marine Corps. Its' mission is to provide electronic cover for fighter and bomber squadrons operating in hostile environments. The (Continued on DD 1391c)

DD | FORM 1391

PREVIOUS EDITIONS MAY BE USED INTER-

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT DA	Z. DATE
	S SUPPORT CENTER, CRANE, INDIANA	
4. PROJECT TITLE		PROJECT NUMBER
ELECTRONICS	COMMUNICATION MAINTENANCE SHOP	P-224

11. REQUIREMENT: (Continued)

AN/ALQ-99 is the heart of the electronic countermeasures system of the aircraft and provides active jamming against threats such as early warning systems, tracking radars, search and surveillance radars, fire control systems, and missile guidance systems. Because of the adverse marine environment in which these electronic systems are exposed, the transmitters, exciters, receivers, jammers, and other electronic components must undergo a rigorous corrosion control and refurbishment program at the station. The proposed facility is vital to the final phases of preparing the electronic items for fleet return or production suitability. This project will allow consolidation, upgrading and expansion of inadequate painting, coating and corrosion control facilities now in use.

CURRENT SITUATION: The number of electronic component line items produced annually by the activity will increase from 6,400 units currently to over 10,000 units by the early 1990's. This does not include the refurbishment effort of the hardback pods which house the electronic components and are mounted on the EA-6B wings. This refurbishment effort has doubled in recent years because of the procurement of new EA-6B aircraft. The EA-6B aircraft contain a minimum of three AN/ALQ-99 hardback pods which cost \$1.2 million each. The present space will not be capable of handling the plating, painting and surface preparation processes required to support the growing work load.

IMPACT IF NOT PROVIDED: The activity will be unable to satisfy projected fleet demands for electronic items that are vital components in Navy weapons systems. Without corrosion control, t'a fleet's limited electronic component assets will deteriorate quickly in a marine environment making them less reliable with shorter life expectancy and more costly to maintain.

ADDITIONAL: Savings generated by this facility will result in an economic payback of less than one year.

12. SUPPLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")
 - (1) Status:

(a)	Date Design Started	2-89
(b)	Percent Complete as of January 1990	40
(c)	Date Design 35% Complete	10-89
	Data Basin Complete	A 0.0

Date Design Complete......8-90

(Continued on DD 1391c)

DD : FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXMANDED

PAGE NO. 275

• •

1. COMPONENT		2. DATE							
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA							
3. INSTALLATION A	NO LOCATION								
	S SUPPORT CENTER, CRANE, INDIANA								
S. PROJECT TITLE S. PROJECT NUMBER BLECTRONICS COMMUNICATION MAINTENANCE SHOP P-224									
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X							
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	280 240							
(4)	Construction start	12-90 (month and year)							
	•								

1. COMPONENT	FY 1	9.91 MILITARY CO	NSTRUC	TION	PRO	DECT DA		ATE
3. INSTALLATION AND LOCATION						TITLE		
NAVAL WEAPONS	SUPP	ORT CENTER,		ME	CHA	NIZED MAT	ERIALS	Management
CRANE, INDIAN	<u> </u>			77	CIL	TYYT		
S. PROGRAM ELEME	NT	6. CATEGORY CODE	7. PROJEC	T NUM	BER	B. PROJE	CT COST (\$000)
						1		
0702096N		411.10		244_			900	
		1. COI	T ESTIMAT	res				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
MECHANIZED MA	TERIA	LS MANAGEMENT FAC	ILITY .	$\cdot \neg$	SF	80,000	•	3,250
GENERAL WAR	PHOUS	E		.	SF	80,000	20.00	(1,600)
BUILT-IN BO	UIPME	NT			is	-	-	(1,650)
SUPPORTING FA	CILIT	IES		. [- [-	-	1,170
UTILITIES.				. [LS	-	-	(210)
PAVING AND	SITE	IMPROVEMENT		.	LS	_	-	(770)
DEMOLITION.				.	LS	_	-	(<u>190</u>)
SUBTOTAL					-	-	i -	4,420
CONTINGENCY (5%) .				-	_	-	220
TOTAL CONTRAC	T COS	T	• •,• •		-	-	 -	4,640
		CTION & OVERHEAD	(5.5%).	. 1	-	-	-	260
TOTAL REQUEST	• • •				- [_	-	4,900
EQUIPMENT PRO	VIDED	FROM OTHER APPRO	PRIATIO	NS	- i	- (NON-ADD) (0)
				_				

Convert high-bay reinforced concrete warehouse to multi-level mechanized warehouse, provide reinforced concrete second floor, loading docks, paving, mechanical room; sprinkler fire protection system, fire pumps and suction tank, ventilation, utilities; demolition of 27 structures.

11. REQUIREMENT: 80,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Converts warehouse to an automated materials management facility. Functional areas include high-rise/high density mechanized warehouse; loading and staging, shipping and receiving, preservation and packaging areas. (Current mission.)
REQUIREMENT: Adequate and properly-configured warehouse facilities for the receipt, issue, tracking, preservation, packaging, storage and shipping of advanced electronic components. These components will include AEGIS microwave tubes, electronic countermeasure systems, and electrochemical power systems such as lithium batteries. High demand items are received at a central supply building by commercial carrier and unloaded. These items are consolidated, repackaged and transferred to Weapons Center operational sites where they are tested and certified as acceptable then returned to the central supply system and made ready for distribution to the Fleet. Over 3,000 deliveries are made monthly to various on-base operational sites. These deliveries travel as far as 6.5 miles to the operational

(Continued on DD 1391c)

DD: 508% 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

PAGE N

S/H 0102 LF-001-3010

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PRO	DJECT DATA
3. INSTALLATION	AND LOCATION	
NAVAL WEAPON	S SUPPORT CENTER, CRANE, INDIANA	
4. PROJECT TITLE		S. PROJECT NUMBER
MECHANIZED M	ATERIALS MANAGEMENT FACILITY	P-244

11. REQUIREMENT: (Continued)

sites. Deliveries result in over 10,000 miles per month of on-base transfers. About 85% of these deliveries are within a mile of the central supply warehouse. A new centralized automated materials management facility will reduce distance traveled by 27% and eliminate multi-handling of material. This will lead to improved productivity and reduce the number of items damaged in shipment.

CURRENT SITUATION: All inert materials are received and shipped from the activity's central supply building which was constructed in 1943. This building is not structurally capable of accommodating automated materials handling equipment. Materials handling systems are needed to process the ever increasing numbers of electronic items now used in a modern Navy. For example, the number of AEGIS microwave tubes handled by Crane is expected to grow from the 4,600 processed in 1987 to 10,000 in 1996, supporting the increased number of AEGIS ships. Efficiency improvements from automation will permit accomplishment of the increasing workload and allow eventual attrition of 12 persons for a cost savings of \$376,000 annually. Reliance on the present manual procedure for material movement and inventory control is time consuming and does not provide the means for rapidly making high-priority issues of essential electronic items and components.

IMPACT IF NOT PROVIDED: Continuation of labor intensive supply operations in an era of declining personnel resources will result in further constrained responsiveness to fleet requirements. Present manual procedures for material movement and inventory control will continue to be performed in a less cost-effective manner.

ADDITIONAL: An economic analysis indicates that the proposed project will generate savings that will result in a payback of less than one year. This amount results from improved operational efficiency, reduced personnel downtime, improved office efficiency, personnel reduction, transportation reduction, and reduced inventory damage. Economic analysis also indicates that conversion of an existing facility is more cost effective than constructing a new facility.

12. SUPPLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")
 - (1) Status:
 - (a) Date Design Started...... (b) Percent Complete as of January 1990.....

(Continued on DD 1391c)

DD , 50AM, 1391c S/N 0102-LF-001-2015

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1. COMPONENT NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
	S SUPPORT CENTER, CRANE, INDIANA	
4. PROJECT TITLE		S. PROJECT NUMBER
MECHANISED N	NATERIALS MANAGEMENT FACILITY	P-244
12. SUPPLEA	ENTAL DATA: (Continued)	
	(c) Date Design 35% Complete	11-89 10-90
(2)	Basis: '	
, -	(a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yea No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	330 300
(4)		(month and year)
b. Equ	sipment associated with this project which will	l be provided
from other a	appropriations: None.	
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FY 1891 MILITARY CONSTRUCTION PROGRAM								. DATE		
ON AND LO	CATION			4. COMMA		! 5	15. AREA CONSTR.			
NAVAL ORDNANCE STATION, LOUISVILLE, KENTUCKY 6. PERSONNEL DEBMANENT						TEMS	:	COST INDEX		
	PERMANENT			STUDENTS			SUPPORTE	D	TOTAL	
OFFICER ENLISTED CIVILIAN OFFICER E		ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	1312			
•	5	2355	•	•	0	•	0	0	236	
<u> </u>	8		0	0	0	٥	0	0	236	
					(000)		 ·			
TION NOT	YET IN IN JESTED IN LUDED IN F HREE PROGR	IVENTORY. THIS PROF OLLOWING	GRAM PROGRAM				31,740 5,400 0 0 4,200			
ALANX SHO									COMPLET 06/90	
		,								
gns, deve , gun bar e parts, stance to	elops, pro rels, gur tools and installi is develop	duces, mounts, accessor ng activies and mo	missile ries. Th ities and Lintained	motor met ne station d fores at d in assig	al parts provide loat. P gned area	. compon s engine roductio	ents. ering			
NG POLLU	ION AND S	AFETY DE	TCTENCT	<u> </u>						
TION ABAT LLATION F	TION AND STEMENT RESTORATIONS SAFETY AND	iN .) 0 0 0					
	REAGE TOTAL AS TION NOT TION NOT TION NOT TION INC TION INC TOTAL TAL TOTAL TAL TOTAL TAL TOTAL TAL TOTAL TAL TOTAL TAL TOTAL TAL TO	PERMANENT OFFICER ENLISTED 8 5 8 5 8 5 REAGE TOTAL AS OF 30 SE ATION NOT YET IN IN ITION INCLUDED IN FIN NEXT THREE PROGRET IN DEFICIENCY. TAL. REQUESTED IN THIS PROJECT HALANX SHOP MODERNI TOTAL OUJECTS: PLANNED NEXT THREE RE MAJOR FUNCTIONS: gns, develops, progret gun barrels, gun e parts, tools and stance to installi	PERMANENT OFFICER ENLISTED CIVILIAN B 5 2355 B 5 2355 CTOTAL AS OF 30 SEP 88 TION NOT YET IN INVENTORY. ITION INCLUDED IN FOLLOWING IN NEXT THREE PROGRAM YEARS DEFICIENCY. TAL. REQUESTED IN THIS PROGRAM: PROJECT TITLE MALANX SHOP MODERNIZATION TOTAL OUTCOME PLANNED NEXT THREE YEARS: OFFICIENCY THREE YEARS: OUTCOME	PERMANENT OFFICER ENLISTED CIVILIAN OFFICER 8 5 2355 O 7. WIVENTO REAGE 7 TOTAL AS OF 30 SEP 88	PERMANENT STUDENTS PERMANENT STUDENTS OFFICER ENLISTED CIVILIAN OFFICER ENLISTED 8 5 2355 0 0 7. INVENTORY DATA (STUDENTS) REAGE (152) TOTAL AS OF 30 SEP 88 (152) TITION NOT YET IN INVENTORY. ITION INCLUDED IN FOLLOWING PROGRAM (IN NEXT THREE PROGRAM YEARS) DEFICIENCY. TAL. REQUESTED IN THIS PROGRAM: PROJECT TITLE MALANX SHOP MODERNIZATION TOTAL OUTCOLOUR OF TOTAL OUTCOLOUR OUTCOLOUR OF TOTAL OUTCOLOUR O	PERMANENT STUDENTS OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN 8 5 2355 0 0 0 0 7. INVENTORY DATA (\$000) REAGE (152) TOTAL AS OF 30 SEP 88	PERMANENT STUDENTS OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER 8 5 2355 0 0 0 0 0 0 8 5 2355 0 0 0 0 0 7. INVENTORY DATA (\$000) REAGE (152) TOTAL AS OF 30 SEP 88 ITION NOT YET IN INVENTORY ITION REQUESTED IN THIS PROGRAM ITION INCLUDED IN FOLLOWING PROGRAM IN NEXT THREE PROGRAM YEARS DEFICIENCY. TAL PROJECT TITLE SCOPE (SECOND SEP 18 REQUESTED IN THIS PROGRAM PROJECT TITLE SCOPE (SECOND SEP 18 IN NEXT THREE YEARS PROJECT TITLE SCOPE (SECOND SEP 18 REQUESTED IN THIS PROGRAM PLANNED NEXT THREE YEARS REMAJOR FUNCTIONS IN MAJOR FUNCTIONS	PERMANENT STUDENTS SUPPORTE OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED 8 5 2355 0 0 0 0 0 0 0 0 8 5 2355 0 0 0 0 0 0 0 0 7. INVENTORY DATA (\$000) REAGE (152) (1510 A S OF 30 SEP 88 . 24,450 ITION NOT YET IN INVENTORY . 31,740 ITION REQUESTED IN THIS PROGRAM . 5,400 ITION INCLUDED IN FOLLOWING PROGRAM . 0 0 IN NEXT THREE PROGRAM YEARS . 0 0 IDEFICIENCY . 4,20C TAL . 65,790 REQUESTED IN THIS PROGRAM: PROJECT TITLE SCOPE COST ISO00 IN FOLLOWING PROGRAM PLANNED NEXT THREE YEARS: REMAJOR FUNCTIONS: gns. develops. produces. modifies and overhauls intermediate calibar in gun barrels, gun mounts. missile motor metal parts. Components. e parts. tools and accessories. The station provides engineering statence to installing activities and fores aflost. Production	NAMAL SEA SYSTEMS E. KENTUCKY PERMANENT STUDENTS SUPPORTED OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN 8	

1. COMPONENT	FY 1	9 <u>91</u> MILITARY CO	NSI	RU	C	TIO	N PRO	DJECT DA		2. DA	TE
3. INSTALLATION	ND LOC	ATION			٦	4. PR	OJECT	TITLE			
NAVAL ORDNAN	CE STA	TION,			1						
LOUISVILLE,	KENTUC	KY			1	P	HALAI	N SHOP M	ODERN	ZIZA	TION
5, PROGRAM ELEM	ENT	6. CATEGORY CODE	7. P	ROJE	C	TNU	MBER	B. PROJ	ECT CO	ST (\$	000)
1)	1					1			
0702096N		215.20	L.,		_	15		5	,400		
		9. CO	T E	TIM	AT	ES					
		ITEM					U/M	QUANTITY	COS		(\$000)
PHALANX SHOP	MODER	NIZATION	• •	•	-	•	SF	235,160	-		4,880
BUILDING M	ODERNI	ZATION				•	SF	235,160	16.0	00	(3,690)
BUILT-IN E	QU I PME	NT			•		LS	-	-		(810)
UTILITIES	JPGRAD	E		•	•	•	LS	-	-	ļ	(130)
PAVING AND	SITE	IMPROVEMENT		•	•	•	LS	-	-	- 1	(80)
DEMOLITION				•	٠	•	LS	-	-	1	(<u>170</u>)
SUBTOTAL				•	•	•	(-)	-	! -	- (4,880
CONTINGENCY	(5%) .			•	٠	•	-	-	_	ŀ	240
TOTAL CONTRA				•	•	•	-	-	-	- (5,120
SUPERVISION,	Inspe	CTION . OVERHEAD	(5.	5€)	•	•	-	-	-	[280
TOTAL REQUES	т			•	٠	•] -	-	-		5,400
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRI	ATI	01	NS	-	- (NON-Y	ADD)	(0)

Modify building interior to accommodate additional production support and work areas; renovate and upgrade heating, ventilation, and air conditioning system, insulation, fire protection system; demolition of obsolete facilities.

11. REQUIREMENT: 235,160 SF. ADEQUATE: 0 SF. SUBSTANDARD: (235,160) SF. PROJECT: Modernizes, upgrades, and internally expands facilities to support the Mark 15 PHALANX weapon system overhaul effort. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to support and accommodate an increasing workload and PHALANX weapon system design change. The PHALANX is the Navy's first all-weather automatic controlled gun system providing quick reaction and automatic defense against close-in air and surface sea-skimming cruise missile threats which penetrate the outer defense system.

CURRENT SITUATION: Present facilities are inadequate in configuration, production and engineering support, modern equipment, and utilities. IMPACT IF NOT PROVIDED: Production will continue to be hampered. PHALANX program will continue to operate inefficiently, which ultimately will cause delays in scheduled deliveries to the fleet.

(Continued on DD 1391c)

DD 1 DEC 76 1391 S/N 0102 LF 001 3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAV'i	NT	FY 1991 MILITARY CONSTR	RUCTION PROJECT D	ATA Z. DATE
3. INSTALLA	TION A	DLOCATION		
		STATION, LOUISVILLE, KENT	UCKY	
4. PROJECT	TITLE			5. PROJECT NUMBER
PHALANX	SHOP	ODERNIZATION		P-215
12. SUP	PLEME	TAL DATA:		
		ated design status: (Proj ook 1190, "Facility Planni	_	
	(1)	Status:		
		(a) Date Design Started(b) Percent Complete as o		
		(c) Date Design 35% Compl (d) Date Design Complete.	ete	11-89
	(2)	Basis:		
	,-,	(a) Standard or Definitiv	e Design:	resNo_X_
		(b) Where Design Was Most	Recently Used:	N/A
	(3)	Total cost (c) = $(a) + (b)$		(<u>\$000</u>)
		(a) Production of Plans a(b) All Other Design Cost	nd Specifications	(300)
		(c) Total		(150) 450
		(d) Contract		(<u>400</u>)
	(4)	Construction start	-	1-91 month and year)
b. from oth	_	ment associated with this ropriations: None.	project which will	be provided
		•		Ì

1. COMPONENT		EV	5411	TARY A	ONCEDIC	TION DOC	OD AM	2	, DATE	
NAVY			1991 MIL	IIAKT C	ONSTRUC	HON PRO	JGRAM	!		
3. INSTALLATIO	N AND LO	CATION			4. COMMA	10		5	. AREA CI	
PORTSMOUTI KITTERY, I		SHIPYARD,			NAVA:	ND SEA SYS	TEMS	;	1.08	
6. PERSONNEL		PERMANEN'	T .		STUDENTS			SUPPORTE	D	
STRENGTH a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END FY	74	197	9737	0	10	0	118	1000	0	11136
1994	74	197	9737	0	10	0	118	1000	0	11136
	-		7.	INVENTO	RY DATA	(000)				
a. TOTAL ACR b. INVENTORY c. AUTHORIZA: d. AUTHORIZA: f. PLANNED II g. REMAINING h. GRAND TOI 8. PROJECTS R	TOTAL ASTION NOT TION REQUIRED INC. TO THE TEN	YET IN II JESTED IN JUDED IN I HREE PROGI	NVENTORY THIS PROFOLLOWING RAM YEARS	GRAM . PROGRAM			3	43.130 23.170 30.500 3.830 21.300 43.220 65.150		
CATEGORY							c	OST	DESIGN	STATUS
213.10 DR									START 01/89	
213, 10 DR	TOTAL	JUERN & CI	DAEK-1			124,360	or	30,500 30,500	01/89	09/90
9. FUTURE PRO	O.IECTS :									
A. INCLUDA	D IN FOL					LS		3,830 3,830		
B. MAJOR F 890.46 PI						LS		21,300		
submi repa videc requ overh	tenance and tension and tensio	Logistic rations. A marine wa and mana complex a	aul of more support; and drydor arraw war ges the p submarine	provided cking of apon sys lanning :		conversions. Suppose yard in sering eff	on, over ort is a tegrates	naul. lso pro-		
B: INSTAL C: OCCUPA				(OSH):	7,50	o 0				

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I. COMPONENT	FY '	9 91 MI	LITARY	CO	NST	RUG	CTIC	ON PR	OJE	CT DA		DATE	
NAVY											''		
3. INSTALLATION						-	4. P	ROJECT	TIT	LE			
PORTSMOUTH N	AVAL S	HIPYARD	,				1	DRY D	OCK	MODER	NIZATI	ON AND	
KITTERY, MAI	NE]	COVER	_(I	NCREME	NT_I)_		
5. PROGRAM ELEM	ENT	6. CATEG	ORY CODE	E	7. P	BLOP	CT N	UMBER		8. PROJ	EST COST	(\$000)	
		İ											
0702228N		21	3.10			P-	228	l		3	0,500		
			1	. co	IT ES	TIMA	TES						
		ITEM						U/M	QU/	ANTITY	UNIT	COST (\$000)	
DRY DOCK MOD	ERNI 2.	TION AN	D COVE	Ř .				SF	12	4,360		19,880	ō
FIXED COVE	R PORT	ION						SP		3,920		1 -	
MOVABLE CO			_					SF		0,440	170.0		
DECK CLOSU	RE-DOC	K HEAD	END .					LS	1	_	_	(22	
SUPPORTING F								-	İ	-	i -	7,65	
SPECIAL CO			•	-	-			LS	1	_	1 -	(1,76	
UTILITIES.								LS	1	_	_	(2,34	-
PAVING AND								LS	Ì	_	-	(3,55	-
SUBTOTAL								1 -	1	-	-	27,53	_
CONTINGENCY								-	1	_		1,38	
TOTAL CONTRA								-	1	_	-	28,91	_
SUPERVISION,			OVERH	EAD	(5.	5%)		-	1	_	-	1,59	
TOTAL REQUES								-		_	_	30,50	_
EQUIPMENT PR				PPRO	PRI	ATI	ONS	1 -	1	_	NON-AD	D) (13,7	
								- 1	1		1	7' \-3''	, , ,
								1	1		1	}	
								1	1		I	1	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

1. COMPONENT

Reinforced concrete footings and foundation walls, steel-frame with insulated translucent and motal wall and roof panels, windows and access doors; cranes; operable cover portion designed to roll-open on gantry cranes and be stored under the fixed cover; fire protection system, ventilation, utilities; canopy door at caisson end.

REQUIREMENT: 214,030 SF. ADEQUATE: 89,670 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs the first of two increments for a weather protection covering and associated utility upgrades at Dry Dock 2 dedicated for overhauls and repairs of SSN 688 and SSN 21 class submarines. (New mission.)

REQUIREMENT: Adequate and properly-configured facilities at Dry Dock 2 for major submarine overhaul and repairs including the enhancement capability and flexibility for meeting increased (SSN 688) and new (SSN 21) work assigned to the shipyard. The fleet soon will be comprised of these two classes of submarines, which have an extraordinary degree of standardization of equipment. The Navy is acting on this opportunity to apply cost savings and efficient production line techniques (PLT) into the submarine overhaul process. For example, this shippard has already implemented such PLT features as rotatable equipment, pool and recyclable package programs, and is in the process of executing others. However, a covering and the permanent installation of associated utilities and services are items that require military construction funding to

(Continued on DD 1391c)

DD, FORM 1391 3/H 0102 LF 001 3810

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 284

2 DATE

1. COMPONENT 2. DATE FY 1991 MILITAR' CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION PORTSMOUTH NAVAL SHIPYARD, KITTERY, MAINE A. PROJECT TITLE S. PROJECT NUMBER DRY DOCK MODERNIZATION AND COVER (INCREMENT I) P-228

11. REQUIREMENT: (Continued)

enhance the overhaul process starting in 1993. These submarine overhauls must be routinely accomplished in an efficient and accurate manner to sustain the fleet deployed at sea. The first increment provides a combination of permanent and operable cover. The permanent cover will be as large as necessary and still allow access for refueling. The operable cover will be used to complete the enclosing of the refueling access area. It will be designed to retract under the permanent portion of the cover at the head half of the dry dock. The moving of the sections will be by cranes which will support the cover while each section is rolled under the permanent cover. Additional work includes railroad trackage relocation, and utility upgrades. The second increment will provide a separate facility adjacent to the dry dock cover for a waterfront field shop, project team work spaces, and permanent is stallation of supporting temporary services.

CURRENT SITUATION: The shipyard is presently operating with three graving docks fully utilized. Dry Dock 1 is limited to docking the smaller older submarines including SSN 594 and SSN 637 classes which require the aid of external flotation tanks to enter the dry dock. Dry Dock 3 is capable of docking a SSN 688 class and smaller for overhauls and repairs. Refuelings can only be accomplished on the SSN 637 class and smaller, and the dry dock is fully utilized in performing either overhauls or refuelings on these classes of submarines. Since 1986, Dry Dock 2 has been considered the candidate for modernization because of its central location, two vessel docking capacity, laydown space availability and proximity to existing buildings having the potential for full or partial utilization. New England area weather has a big affect on the overhaul process. A submarine going through overhaul and repairs in an open dry dock including exterior hull preservation work such as sandblasting, welding, painting, and special hull treatment is subjected to production delays because of the harsh inclement weather which causes productivity losses for reasons of snow removal, need for freeze protection, cold, rain and wind, equipment damage, and the safety hazards on unprotected staging platforms. All of these setbacks could be reduced by a permanent dry dock enclosure. The proposed covering will effect savings in techniques, equipment, and man days for submarine overhauls.

IMPACT IF NOT PROVIDED: There will be a continued adverse effect on production morale, quality of work, and lingering safety hazards resulting from an open dry dock operation exposed to the harsh inclement weather. Navy will be unable to fully implement the PLT concept, and the resulting realization of substantial cost savings in overheuls would not materialize. ADDITIONAL: An industrial engineering concept study was performed on the proposed project where alternative technical solutions, as well as an economic analysis, have concluded that it is more advantageous

(Continued on DD 1391c)

I. COMPONE	NT į					2. DATE
	ŀ	FY 19	9 <u>91_</u> MILITAF	RY CONSTRU	CTION PROJECT DAT	A
NAVY 3. Installa	TION	ND LOCA	LTION			
				•		
		VAL SH	IPYARD, KITI	ERY, MAINE		
4. PROJECT T	TITLE				5. P	ROJECT NUMBER
DRY DOCK	MODE	RNIZAT	ION AND COVE	R (INCREMEN	r I)	P-228
11. REQ	UIREM	ENT:	(Continued)			
ADDITION			•			
					a covering and the	
				-	ties. This solution	
			estimated pa		n per overhaul for 5 vears.	every
	-,			.,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	70000	
12. SUP	PLEME	NTAL D	ATA:			
a.	Esti	mated	design statu	s: (Projec	t design conforms t	o Part II of
Military	Hand	book 1	190, "Facili	ity Planning	and Design Guide.	')
	(1)	Statu				
	(-/			Started	• • • • • • • • • • • • • • • • • •	1-89
					January 1990	
		(c)	Date Design	35% Complet	e	10-89
		(d)	Date Design	Complete	• • • • • • • • • • • • • • • • • • • •	9-90
	(2)	Basis	::			
		(a)	Standard or	Definitive	Design: Yes	NoX
		(b)	Where Design	Was Most R	ecently Used:	N/A
	(3)	Total	cost (c) =	(a) + (b) o	r (d) + (e):	(\$000)
		(a)	Production of	of Plans and	Specifications	(
				_	• • • • • • • • • • • • • • • • • •	
					• • • • • • • • • • • • • • • • • • • •	
		(d) (e)				
		(8)	In-nouse	*********	* * * * * * * * * * * * * * * * * * * *	130
	(4)	Const	ruction star	t		3-91
				•	(mor	th and year)
b.	Equi	pment	associated v	vith this pr	oject which will be	provided
from other						
				•	Fiscal Year	
Equipmen	nt		Pro	curing	Appropriated	Cost
Nomenc a				priation	or Requested	(\$000)
					3000	12.770
Bridge C	ranes	•	•	OPN .	1992	13,770

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT									2. DATE	
	FY 199	L MII	LITARY	CON	STRUC	TION	PROG	RAM	1	į
NAVY										<u> </u>
3. INSTALLATION AN	D LOCATION	4		7	. COMM	AND			S. AREA	CONSTR.
NAVAL ACADEMY,				- 1	CHIEF	OF N	AVAL		COST	HOEX
ANNAPOLIS. MAR					OPERAT				1.03	3
6. PERSONNEL STRENGTH:	P	ERMANE	NT		TUDENT		S	UPPORTE	D	
3111211111	OFF-CER	EN. 3710	CIVILIAN	OFF-CER	ENL STED	CIVILIAN	-	ENL-STEC	CIVILIAN	TOTAL
a. AS OF 9/30/88	356	375	1688	0	4689	0	0	0	0	7108
b. END FY 19 94	356	383	1755	٥	4689	0	0	0	0	7183
5. CH5 1 10 34		1			<u> </u>					/103
			7. INVEN			100)				
a. TOTAL ACREAGE				1,74	7)					
b. INVENTORY TOT								22		
c. AUTHORIZATION						• • • • •	• • • • •	1	9 00, 800	
d. AUTHORIZATION						• • • • •	• • • • •		0	
. AUTHORIZATION									3,130	
f. PLANNED IN NEX							• • • • • •		0	
g. REMAINING DEFI									3,630	
h. GRAND TOTAL					<u></u>	• • • • •		25	6,320	
8. PROJECTS REQUES	STED IN THE	5 PROGR	AM:							
CATEGORY							cos	т.	DESIGN STA	
CODE PROJE	CT TITLE				SCOPE		(800	<u>0'</u> <u>57</u>	ART	COMPLETE
721 12 Paners	56 U-11 T	Zwana .	/Dhaga	TT\	1.0		יט		/00	01 /00
721.12 Bancro	ft Hall H	xpan	rnase	11)	LS			. 00	/88	01/90
1014	L.						0			
*Appropriation	Request	\$24,	000,00	0.						
9. Future Pro	jects:									
a. Include	ed in fol	llowing	progr	am:						
								_		
141.25 Fire S					LS		89			
	l Warehou				LS		1,75			
	rian Brid	lges			LS		490	_		
TOTA	6						3,13	0		
b. Major 1	Planned N	lext Th	ree Ye	ars:	None.	•				
30 11 - 1										 .
10. Mission o										rià,
and physically	to be pi	cotessi	onal o	ffice	rs in	the i	naval :	service	•	
11. Outstandi	a nelli	100 5	A == #=	- د	Simi-			(\$000\)		
				cy de	ricier	icies	•	(\$ <u>000</u>)		
	tion Abat llation F						•	0		
				-1+b	(OCH)	_		٥		
c. Occup	ational s	arech	and ne	er cu	(USR)	•		J		į
			•							

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 287

1

1. COMPONENT	FY 1	19 <u>91</u> MII	LITARY	co	NS.	TRU	IC.	TIOI	N PR	30	CT DA	TΔ 2. 0	ATE
NAVY				_								'^	
3. INSTALLATION		ATION					I	4. PR	OJE"	7:11	. E		
NAVAL ACADEM	•						-	В	ANCR	OFT	HALL		
ANNAPOLIS, M	RYLAN	D					. 1	E	XPAN	SIO	I (PHA	SE II)	
5. PROGRAM ELEM	ENT	S. CATEGO	RY CODE		7, 1	HOJ	EC.	TNU	MBER		B. PROJ	ECT COST	\$000)
		1			ļ					i	A	UTH:	0*
0805896N		72	1.12		<u>L</u>	P	-2	59		-	A	PPR: 24	,000
			9.	CO	ST E	BTIM	AT	ES					
		ITEM							U/M	QUA	NTITY	UNIT	COST (\$000)
BANCROFT HAL	LEXPA	NSION.		•	• •	•	•	•	SF	341	,000	-	38,900
BUILDING .						•		•	SF	341	,000	99.00	(33,600)
BUILT-IN E	QUI PME	nt				•		•	LS		-	-	(5,240)
TECHNICAL	OPERAT	ING MAN	JALS						LS		-	-	(60)
SUPPORTING F	CILIT	IES							-		_	_	4,430
SPECIAL CO	NSTRUC	TION FEA	TURES.						LS		-	-	(1,190)
ELECTRICAL	UTILI	TIES							LS		-	_	(820)
MECHANICAL	UTILI	TIES							LS		-	_	(840)
PAVING AND	SITE	IMPROVE	MENT						LS		-	-	(1,580)
SUBTOTAL									_		_	-	43,330
CONTINGENCY	(5%) .							•] _		-	-	2,170
TOTAL CONTRA	T COS	T							_		-	-	45,500
SUPERVISION,	INSPE	CTION &	OVERHE!	\D	(5.	5%)			-		-	-	2,500
SUBTOTAL									_		-	_	48,000
LESS: PHA				:	FY	139	Ó		-		-	-	-24,000
PHASE II FUN			_						_		-	_	24,000
EQUIPMENT PRO		_							_		- (N	ON-ADD)	1 -
*PRIOR YEAR			, .,					-			``]	,
10. DESCRIPTION O			PUCTION						<u> </u>	٠			L

Two six-story reinforced concrete frame building additions, pile foundations, concrete floors, slate and copper roofs on steel roof trusses, granițe exterior facing to match existing, fire protection systems, air conditioning and environmental control, utilities; dormitory rooms to accommodate 924 midshipmen, built-in room furniture, storage.

11. REQUIREMENT: 4,689 PN. ADEQUATE: 3,765 PN. SUBSTANDARD: 0 PN. PROJECT: Provides additions to Bancroft Hall to house 924 midshipmen. (Current mission.)

REQUIREMENT: Adequate housing to alleviate overcrowding. A third person has been added in the two-man rooms and each midshipman has been issued a computer. With more in-room study required because of computer-related courses, the room study environment must be suitable for the midshipmen to maintain an expected high-level of academic excellence.

CURRENT SITUATION: Bancroft Hall houses 4,689 midshipmen in facilities designed for 3,765. The problem of housing three men in two-man rooms is further compounded by the additional space requirement to accommodate each midshipman's computer which is necessary for present and future curricula. This project is being phased within the FY 1990/1991 biennial program to eliminate the space deficiency.

IMPACT IF NOT PROVIDED: Academic excellence will be severely impeded by the absence of a quality study environment. Midshipmen will continue to experience overcrowding conditions adversely affecting their training and morale. (Continued on DD 1391c)

DD, FORM, 1391 S/N 0102 LF-001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXMAUSTED

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	\
3. INSTALLATION	AND LOCATION	
	Y, ANNAPOLIS, MARYLAND	
4. PROJECT TITLE	S. 7R	OJECT NUMBER
BANCROFT HAL	L EXPANSION (PHASE II)	P-259
12. SUPPLEM	ENTAL DATA:	
ľ	imated design status: (Project design conforms to dbook 1190, "Facility Planning and Design Guide.";	
(1)	Status:	
	(a) Date Design Started	
 	(b) Percent Complete as of January 1990	
	(c) Date Design 35% Complete	
	(a) pare sonadii combanessississississississississississississi	
(2)		
	(a) Standard or Definitive Design: Yes	N/A X
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = $(a) + (b)$ or $(d) + (e)$:	(<u>\$000</u>)
	(a) Production of Plans and Specifications	
	(b) All Other Design Costs	
	(d) Contract	
	(e) In-house	
(4)	Construction start	1-91
	. (mon	th and year)
b. Equ	ipment associated with this project which will be	provided
from other a	ppropriations: None.	
* Estimated	total for phases I and II.	
		1
		j
		}

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENOT 289

١.	COMPONENT								ļ:	2. DATE		
	NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO)GRAM				
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	ND		1,	S. AREA CO		
	NAVAL HOSE BETHESDA,		D			NAVAI COMM	L MEDICAL			COST INDEX		
6.	PERSONNEL		PERMANEN'	T		STUDENTS			SUPPORTI	ED	T -	
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
	AS OF 09/30/88	1279	2058	1613	850	372	7	60	232		6471	
0	. END FY 1994	1379	2181	1659	875	463	10	82	247	0	6896	
•				7.	INVENTO	RY DATA ((000					
bodet on h	. TOTAL ACRI . INVENTORY . AUTHORIZAT . AUTHORIZAT . PLANNED IN . REMAINING . GRAND TOT	TOTAL ASTION NOT FION REQUIRED INC. INC. INC. INC. INC. INC. INC. INC.	YET IN II UESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PRO FOLLOWING RAM YEARS	GRAM PROGRAM				9,000 3,100 8,700 16,200 37,000			
	ATEGORY							c	OST	DESIGN	STATUS	
	CODE	HELOR E	PROJECT NLISTED OF				103,950		9.000	11/88	COMPLETE 01/90	
		TOTAL							9,000		. ,	
9	FUTURE PRO	JECTS:										
		VAGE LIN	LLOWING PI E REPLACEI NE REPLACI	MENT			LS LS	·	1,400 1,700 3,100			
	B. MAJOR F 721.12 BEC 730.80 PAR			E YEARS:			LS LS		5,000 3,700			
	healt activ assig their educa offic	ide a conth care : ve duty i gned mil n assigne ation process.	mprehensi services members o itary per ed, contil ograms fo	ve range to active f other F sonnel ar ngency, a r Naval M	duty Na ederal U e proper nd warti edical s	vy and Mo niformed ly traine me duties tudents a	rine Corp Services. d for the . Conduc nd Medica	s persor Ensure perform t approp	nnel, and that al mance of criate			
11	A: POLLUT	NG POLLU	TION AND	SAFETY DE	FICIENCI	ES: (\$ 0	00)					
	B: INSTAL	LLATION	RESTORATI SAFETY AN		(OSH):		0 .					
						·						

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DD FORM 1390 1DEC76

1 COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL HOSPITAL, BACHELOR ENLISTED QUARTERS BETHESDA, MARYLAND S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 721.12 P-912 0807796N S. COST ESTIMATES COST (\$000) COST U/M QUANTITY ITEM BACHELOR ENLISTED QUARTERS SF 103,950 7,470 (6,570) SF 83,160 79.00 PARKING GARAGE SF 20,790 29.00 600) (LS 300) SUPPORTING FACILITIES 650 ELECTRICAL UTILITIES LS 150) MECHANICAL UTILITIES LS (300) PAVING AND SITE IMPROVEMENT. LS 200) 8,120 410 8,530 _ SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 470 9,000 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) (10. DESCRIPTION OF PROPOSED CONSTRUCTION Four-story reinforced concrete frame building, concrete foundation and floors, masonry walls, built-up roofing, solar domestic hot water system, fire protection and alarm systems, elevators, air conditioning, utilities, technical operating manuals; 108 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment; parking structure. Grade Mix: 72 El-E4, 180 E5-E6. Total: 252. 11. REQUIREMENT: 1,356 PN. ADEQUATE: 871 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for 252 enlisted personnel. (Current mission.) REQUIREMENT: Adequate housing for 1,356 bachelor enlisted personnel. These personnel are either assigned to the hospital as staff or are undergoing training. CURRENT SITUATION: Existing adequate berthing capacity of 871 includes 724 adequate spaces and 147 spaces in the local community. The total number of adequate spaces is insufficient, resulting in overcrowding. A new construction deficiency of 485 adequate billeting spaces exists. After construction of the spaces requested by this project, the remaining projected space deficit will be satisfied by a follow-on project currently unprogrammed. IMPACT IF NOT PROVIDED: Degrade safety, productivity and training, morale and health of personnel, and Navy's career retention efforts. ADDITIONAL: The surrounding community has insufficient housing and cannot

DD1 PEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

satisfy the ac ivity's berthing requirements. (Continued on DD 1391c)

NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
INSTALLATION	AND LOCATION	
NAVAL HOSPIT	AL, BETHESDA, MARYLAND	
4. PROJECT TITLE		S. PROJECT NUMBER
BACHELOR ENL	isted quarters	P-912
12. SUPPLEM	BHTAL DATA:	
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid	
(1)		
	(a) Date Design Started	11-88
	(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	5-89
	(d) Date Design Complete	
(2)	Basis:	
	(a) Standard or Definitive Design:	YesNo_X_
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$ 000)
	(a) Production of Plans and Specifications.	
	(b) All Other Design Costs	
	(c) Total(d) Contract	
	(e) In-house	
(4)	Construction start	12-90 (month and year)
	•	•
	ipment associated with this project which will	l be provided
from other a	ppropriations: None.	
	•	
	•	

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

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1. COMPONENT							_	-	2. DATE	
NAVY		FY ·	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM			
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND -		!	5. AREA CO	
NAVAL ORDI Indian He					NAVAI COMM	SEA SYST	rems	i	1.03	NOLX.
6. PERSONNEL		PERMANEN'	r		STUDENTS			SUPFORT	ED	T
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED CIVILIAN OFF			ENLISTED	CIVILIAN	TOTAL
a. AS OF 09/30/88 b. END FY	54	289	2570	64	351	•	0	0		3328
1994	60	329	2595	107	736	٥	۰		0	3827
			7.	INVENTO	RY DATA ((000)				
9. FUTURE PR A. INCLUDI 226.66 PRI 841.10 WA: B. MAJOR I 143.60 BUI	TOTAL A: TION NOT TION REQUITION REQUITION INCE N NEXT TO EXPECTED DUST WSTT TOTAL DUST WSTT TOTAL DUST WSTT TOTAL DUST WSTT TOTAL PLANNED : LK EXPLO:	YET IN INJESTED IN INJESTED IN INTEREMENT IN THIS PROJECT WITH TRANT LLOWING PI & CHEMIC, TREATMENT	THIS PRO FOLLOWING FOLLOWING RAM YEARS PRUGRAM: TITLE FACS ROGRAM AL FAC T E YEARS. LITY	GRAM			2 (S	19,570 9,590 6,400 7,400 353,400 26,490 000) 6,400 6,400 7,400	DESIGN <u>START</u> 11/88	
composition of no mass Explication of the mass Explica	ide mater phents. extruding test of cosives as ew chemical proper ance Disp NG POLLUTION ABA LLATION I	maintain maintain g chemica cocket and cocket and cals. Reg ulsion un dnance Di cocal. TIDN AND TEMENT RESTORATIO	technical and open is, prope is missile if fields, pair, rew its. Pro sposal Fa	ate faci llants a motors. includio ork, and vide log cility a	for weap lities fo nd explos Conduct ng produc modify f istic sup nd the Na	r mixing, ives and research ing pilot leat return our for val Schoo	blendin for the in prop plant q rned gui the Nava	g. casti assembly ellants, u£ntitie ded l	,	

1. COMPONENT	1							i	2. DATE	
NAVY		FY	1991 MILI	ITARY C	ONSTRUC	TION PRO	OGRAM			
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND		1	AREA CO	
NAVAL AIR PATUXENT					AVAN MMCD	L AIR SYS	TEMS		1.03	
6. PERSONNEL		PERMANEN'	<u> </u>		STUDENTS			SUPPORTE	ED.	
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF 09/30/88 b. END FY	519	2903	3476	57	۰	٥	4	12	0	6971
1994	562	2956	3550	57	0	0	3	7	0	7135
			7.	INVENTO	RY DATA (000)				
a. TOTAL ACR b. INVENTORY c. AUTHORIZA' d. AUTHORIZA' f. PLANNED II g. REMAINING h. GRAND TOT 8. PROJECTS R	TOTAL ASTRONAL TION NOT TION REQUIRED INCOME TO THE TRANSPORT OF THE TRANSPORT OF THE TOTAL TOTA	YET IN II JESTED IN JUDED IN I JREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM . PROGRAM				22,540 27,640 3,000 0 21,660 58,970 33,810		
CATEGORY							c	OST	DESIGN	
872.10 SEC	CURITY IN	PROJECT APROVEMEN				SCOPE LS	(5	3,000	11/88	O1/90
441.30 HAZ	PLANNED P ST ENGINE C/ELEX S C/FLAMM P	NEXT THREE E TEST CEL SYS LAB MO	YEARS:			LS LS 12.860 83.720		5,100 1,180 2,250 13,130		
relai squad Fleei Ocean Air 1	and eva- ted equip drons and t Air Rec nographic est and	uate air	craft and Fleet uso / Test Pi nce Squad ment Squad on Squadno	e. Stat lot Schoo ron VQ-4 dron VXN						
11. <u>OUTSTANDIP</u> A: POLLUT B: INSTAL C: DCCUPA	ION ABAT	EMENT RESTORATION			<u>2,2</u>	0				
					•					

DD FORM 1390 1DEC76

1. COMPONENT	EV 1	9 91 MILITARY CO	NSTRUC	TIO	N PR(DIFCT DA		, DATE
NAVY			11011100		* 1 110			
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TITLE		
NAVAL AIR TE	ST CEN	TER,		S	ECURI	TY IMPRO	VEMEN:	rs
PATUXENT RIV	ER, MA	RYLAND	<u> </u>					
5. PROGRAM ELEM	TNU	MBER	8. PROJE	CT COS	T (\$000)			
0605896N 872.10 P-420							3,000	
		9. CO	ST ESTIMA	res				
		ITEM			U/M	QUANTITY	COST	
SECURITY IMP	ROVEME	NTS		•	LS	-	_	2,700
CONTROL CE	NTER M	ODIFICATIONS		LS	-	-	(350)	
SECURITY L	IGHTIN	G			LS	-	-	(410)
SECURITY F	ENCING				LS	-	-	(200)
ACCESS CON	TROL P	AVILIONS		•	LS	-	-	(340)
UTILITIES.				•	LS	-	-	(<u>1,400</u>)
SUBTOTAL				•	 -	-	-	2,700
CONTINGENCY	(5%) .			٠	-	-	-	140
TOTAL CONTRA				•	-	-	-	2,840
		CTION & GVERHEAD	(5.5%).	•	-	-	! -	160
TOTAL REQUES				•	-	-	-	3,000
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NO	N-ADD) (2,900)
10 DESCRIPTION C	E PROPO	SED CONSTRUCTION				<u> </u>		

Modify alarm control center building; emergency generator; security fencing and lighting; controlled personnel access pavilions; camera mount foundations; utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides upgraded security at this aircraft test and development activity with an "enclave" concept of protection around critical assets by restricting and controlling access. The concept is comprised of a sensored fence and buried line sensors to detect an attempted or actual intrusion. Lighted clear-zones will be watched using closed circuit television. Features to limit vehicle penetration will also be provided. (Current mission.)

REQUIREMENT: Adequate physical security for critical test and development aircraft, equipment, facilities and personnel. Surveillance of these assets will provide protection and reduce pilferage at the activity and help promote the loss prevention program. Terrorism around the world is on the increase. Targets include US military installations, equipment and personnel. Experiences, such as destruction of Navy aircraft in San Juan several years ago, highlight the need to improve security around military installations and airfields. Monitoring devices, alarms, lighting and a surveillance control cencer will greatly improve effectiveness of fencing and will protect valuable assets. Less visible but just as damaging is

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA 2. DATE
3. INSTALLATION	AND LOCATION ST CENTER, PATUXENT RIVER, MARYLAND	
4. PROJECT TITLE		5. PROJECT NUMBER
SECURITY IM	PROVEMENTS	P-420

the threat of espionage of technologies and weapons development. After recent loss of submarine technologies through spies and technology transfers, the Navy has stepped-up its effort to protect important military developments. NATC Patuxent River is the Navy's primary center

for aircraft development, test and life-cycle engineering support. All types of existing Navy aircraft are tested here. New radar, electronic warfare and communication systems are tested along with the airframes. New aircraft or existing aircraft scheduled for extensive modifications are throughly tested prior to full scale production. Loss of hardware and computer software or the "eavesdrop" monitoring of tests through espionage would compromise the combat effectiveness of the aircraft and the subsystems. It would also make develoment of countermeasures by potential

enemies much easier. Improved physical security measures is a proven method of greatly reducing the terrorist threat and the loss of technology and military secrets through espionage.

11. REQUIREMENT: (Continued)

CURRENT SITUATION: Like most military installations, Patuxent River's primary means of security protection is a perimeter fence and security patrols. In general, once inside the installation, a person has unchallenged access to most assets. Assets are left unattended in dark or in poorly-lit areas. With these conditions; intruders could do considerable damage to Navy assets with a low risk of being apprehended. Persons could enter unoccuppied buildings and steal hardware or information. "Eavesdroppers" could set up monitoring stations on-base and receive test data through visual and electronic means. The proposed physical security improvements will provide an integrated security system completely encompassing critical assets, with the capability to deter or detect unauthorized intruders seeking entry into sensitive areas. IMPACT IF NOT PROVIDED: Access to the base is de facto access to sensitive and classified mission assets and information. Weapons systems, classified test and evaluation data and aviation assets will continue to be vulnerable to compromise or destruction. Loss of this data would enable hostile forces to nullify weapons designs prior to their initial operational capability and devise similar advanced weapons at a greatly reduced cost.

(Continued on DD 1391c)

1. COMPONENT				2. DATE
NAVY		LITARY CONSTRUC	TION PROJECT DA	TA
3. INSTALLATION	AND LOCATION			
	ST CENTER, PA	TUXENT RIVER, MAR		
4. PROJECT TITLE			5.	PROJECT NUMBER
SECURITY IMP	ROVEMENTS			P-420
l2. Supplem	ENTAL DATA:			
	•	status: (Project Facility Planning	•	
(1)	Status:			
	(a) Date D	esign Started		11-88
	(b) Percen (c) Date D	t Complete as of a esign 35% Complete	January 1990	<u>100</u>
	(d) Date D	esign Complete	* * * * * * * * * * * * * * * * * * * *	1-90
(2)	Basis:			
		rd or Definitive	-	esNo_X_
	(b) Where	Design Was Most Ro	ecently Used: _	N/A
(3)		(c) = (a) + (b) o		(<u>\$000</u>)
	(a) Produc (b) All Ot	tion of Plans and her Design Costs.	Specifications	(<u>180</u>)
	(d) Contra	ct		(210_)
	(e) In-hou	se	• • • • • • • • • • • • • • • • • • • •	(30_)
(4)	Constructio	n start		
			m)	onth and year)
-	_	ated with this pro	oject which will	be provided
lrom other a	ppropriations	•	Fiscal Year	
Equipment		Procuring	Appropriated	Cost
Nomenclature		Appropriation	or Requested	<u>(\$000)</u>
Intrusion De System, mon equipment, cables, ala center.	itoring electrical	RDT&E	1991	2,900

DD 1 DEC 76 13916

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 297

.

1. CO	MPONENT	i							. 2	. DATE		
	NAVY	<u> </u>	FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	i			
3. IN	NSTALLATIO	N AND LO	CATION			4. COMMA			5	15. AREA CONSTR.		
	NAVAL HOSE Patuxent e		CHALYR			NAVAI CDMM/	L MEDICAL AND			1.03		
	RSONNEL		PERMANEN	r		STUDENTS			SUPPORTE	D		
-	TRENGTH AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
(09/30/88 ND FY	46	136	62	0	0	0	٥	۰	0	244	
	1984	54	88	62	0	0	0	٥	0	0	204	
				7.	INVENTO	RY DATA	(000					
6. 2 d. 4 f. f. f. g. 3 h. (8. P	TOTAL ACRE INVENTORY AUTHORIZAT AUTHORIZAT AUTHORIZAT AUTHORIZAT PREMAINING GRAND TOT PROJECTS R EGORY DOE 1.20 AVI FUYURE PRO A. INCLUDE NONE B. MAJOR F	TOTAL A: TION NOT TION REOI TION INC. NEXT TH TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL TOTAL	YET IN II JESTED IN LUDED IN I HREE PROGI NCY	THIS PRO THIS PRO FOLLOWING RAM YEARS PROGRAM: TITLE NG FAC	GRAM			C	0 0 2,250 0 0 0 2,250 0 0 2,250	DESIGN START 12/88		
11. 5	Marin deper outli autho and o DUTSTANDIN A: POLLUT B: INSTAL	ovide governments of the company of	personne f active (current d in matter ergencies TION AND (TEMENT RESTORATIO	inical ho 1, active duty pers irectives s pertain SAFETY DE	duty me onnel, a To do ing to h	ation for mbers of ond other coperate wealth, sai	other arm authorize ith milit nitation,	ed servi d person ary and	ces. s as civil			
				,								

DD FORM 1390 1DEC76

The state of a second s

1. COMPONENT		2. DATE							
NAVY	FY 19.91 MILITARY CONSTRUCTION PRO						TA		
3. INSTALLATION	ND LOC	ATION		4. PHO	OJECT TITLE				
NAVAL HOSPITA	AL.			AV	IATIO	M PHYSI	OLOGY		
	PATUXENT RIVER, MARYLAND T						ITY		
5. PROGRAM ELEM	LEMENT 6. CATEGORY CODE 7. PROJECT NUMBER				S. PROJ	ECT COST	(\$000)		
			Ì			Ì			
0807795N		171.20	P-90;				2,250		
		9. CO	T ESTIMAT	ES					
		ITEM		_	U/M C	VANTITY	COST	COST (\$000)	
AVIATION PHY	SIOLOG	Y TRAINING FACILI	TY		SF	3,800	-	1,630	
BUILDING .					SF 🗀	3,800	108.00	(1,490)	
BUILT-IN E	QUIPME	NT		. :	LS	~	-	(140)	
SUPPORTING F	ACILIT	IES		•]	-	-] -	400	
ELECTRICAL	UTILI	TIES		• [:	LS [-	-	(200)	
MECHANICAL	UTILI	TIES		-	LS	-	-	(80)	
PAVING AND	SITE	IMPROVEMENT		• [:	LS	-	-	(120)	
SUBTOTAL				•]	-	-) -	2,030	
CONTINGENCY	• •		• • • •	• 1	-	-	-	100	
TOTAL CONTRA				• [-	-	-	2,130	
		CTION & OVERHEAD	(5.5%).	•	-	-	į -	120	
TOTAL REQUES			• • • •		-	-	-	2,250	
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	42	-	- (1	ON-ADD	ון ני יון	
				ļ	- }				
					1]		
					- 1		}	1	
				ļ	- 1		1		
10 DESCRIPTION O	E 88080	SED CONSTRUCTION							

One-story steel frame building, concrete foundation and floor, masonry walls, built-up-roof, air conditioning, utilities, fire protection system; equipment, utilities and technical operating manuals to support training units.

11. REQUIREMENT: 13,800 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs training facility including administrative space, classrooms, low pressure chamber, and ejection seat training devices. (Current mission.)

REQUIREMENT: Adequate facilities to accommodate Eviation physiology and water survival training for Fleet aviation personnel including those at the Naval Air Test Center.

CURRENT SITUATION: The aviation physiology training department presently occupies only 2,700 square feet of one building. The building is shared by two other major departments of the host installation. The aviation physiology training devices are housed in two rooms which must also accommodate a maintenance area, office spaces, static displays, and storage. Because there is a lack of adequate storage space, some items are stored in the crawl space under a building some distance away leading to equipment deterioration and lack of accountability. The department does not have a dedicated classroom. The building's conference room is used on a shared basis and is not available two full days per week. Students who travel from other activities to receive training spend two (Continued on DD 1391c)

I. COMPONENT	A	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT I	ATA
NAVA	AND LOCATION	
S, ING I ALLA I ION	AND 1,002 110N	
NAVAL HOSPI	TAL, PATUXENT RIVER, MARYLAND	
A. PROJECT TITLE		S. PROJECT NUMBER
		ļ
AVIATION PH	YSIOLOGY TRAINING FACILITY	P-903
11. REQUIR	· · · · · · · · · · · · · · · · · · ·	
CURRENT SIT	UATION: (Continued)	
	facility to get one day's worth of training.	
	aining workload will increase by 20% because no	
-	l receive full scale development, test and eva-	Idation at the
test center		
IMPACT IF N	OT PROVIDED: The department will be unable to quirements for modular training of aviation li	combra Alfu
	fixed and rotary wing aircraft. The existing	
	aining space will result in continued degradat	
	survival techniques and may result in unneces	
or Serious		sary ross or tire
Of serious	Injuty.	
12. SUPPLE	MENTAL DATA:	
12. 00.12-		
a. Es	timated design status: (Project design confor	ms to Part II of
	ndbook 1190, "Facility Planning and Design Gui	
(1) Status:	
	(a) Date Design Started	12-88
	(b) Percent Complete as of January 1990	100
	(c) Date Design 35% Complete	
	(d) Date Design Complete	1~90
		·
(2) Basis:	
	(a) Standard or Definitive Design:	YesNo_X_
	(b) Where Design Was Most Recently Used:	N/A
(3) Total cost $(c) = (a) + (b)$ or $(d) + (e)$:	(<u>\$000</u>)
	(a) Production of Plans and Specifications	
	(b) All Other Design Costs	· · · · · · · · · · · · · · · · · · ·
	(c) Total	
	(d) Contract	
	(e) In-house	(25_)
. 4) Construction start	1-91
(•) Construction start	
		(month and year)
b. Ea	uipment associated with this project which wil	1 he provided
•	appropriations: None.	T MG LUMATRER
Trom orner	abbrohr recous: nous:	
		j
•		

DD : PORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXKAUSTED

1,	COM PONENT									2. DATE		
	NAVY		FY	1981 MIL	ITARY C	ONSTRUC	TION PR	OGRAM				
3.	INSTALLATIO	N AND LO	CATION			4. COMMAI	40		!	5. AREA COST		
	NAVAL ELEC				G		AND NA	VAL WARFA	RE (1.03		
6.	PERSONNEL		PERMANEN'	<u> </u>		STUDENTS			SUPPORT	.£D	T	
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTEE	CIVILIAN	TOTAL	
	AS OF 09/30/86	4	33	343	0	0	0	0	-	0	380	
Β.	END FY	7	37	342	0	0	0	0	0	0	386	
			<u> </u>	7.	INVENTO	RY DATA ((000)		·		· · · · · · · · · · · · · · · · · · ·	
	. TOTAL ACRE				(969)						
C	. INVENTORY . AUTHORIZAT	TON NOT	YET IN I	NVENTURY.					20,140			
	. AUTHORIZAT . AUTHORIZAT	TION INC	LUDED IN I	POLLOWING	PROGRAM				3.900	•		
	 PLANNED IN REMAINING 								8,820 23,300			
	GRAND TOT								56,160			
8.	PROJECTS R	EOUESTED	IN THIS	PROGRAM:								
	ATEGORY							ç	OST		STATUS	
	CJDE	SFAC FIL	PROJECT EC SYS IN					SF		11/88	COMPLETE 09/89	
		TOTAL	20 313 211				20,400	•	3,900	11700	03,03	
	. FUTURE PRO	VIECTE										
9	·											
	A. INCLUDE NONE	D IN FO	LLOWING P	CUGRAM								
	B. MAJOR F											
	317.25 ACL 217.77 ELE		RATED TEST 5 Storage				L\$ 57,560	\$F	700 8,120			
				_	_			_		_		
10	MISSION OF		UNCTIONS		n electro	DICS SVS	ams ard	equi pmer	.+.			
	provi	des tech	nnical supposent	port and	Services	s to user:	of Nav	y electro	nic			
			velops pro					Or new St	ıτρ			
	0											
11	A: POLLUT	TON ABAT	TEMENT		FICIENCI	<u>:5</u> : (<u>\$0</u>	0					
	B: INSTAL C: OCCUPA		RESTORATIONS		(OSH):		0					
							÷					

1. COMPONENT	FY 1	9_91_MILI	TARY CO	NSTRUC	TIO	N PRO	JECT DA		ATE
NAVY									
3. INSTALLATION A	ND LOC	ATION			4. PR	OJECT	TITLE		
NAVAL ELECTRO	NIC S	ystems en	GINEERIN	G	F	ACSFA	C ELECTR	ONIC SY	STEMS
ACTIVITY, ST.							ATION		
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJE						MBER	8. PROJI	ECT COST	\$000)
0605896N		317.	26	P-72	,			3.900	
00038384		31/4		T ESTIMA				3,940	
		ITEM				U/M	QUANTITY	UNIT COST	COST (\$000)
FACSFAC ELECT	RONIC	SYSTEMS	INTEGRAT	ION	$\overline{\cdot}$	SF	25,400	-	2,760
BUILDING .					•	SF	25,400	90.00	(2,300)
BUILT-IN EQ	UIPME	NT				LS	_	-	(460
SUPPORTING FA	CILIT	IES			•	-	-	-	760
SPECIAL CON	STRUC	TION FEAT	URES		•	LS	-	-	(620)
UTILITIES.					•	LS	-	-	(50)
PAVING AND	SITE	IMPROVEME	nt		•	LS	-	-	(90
SUBTOTAL					•	-	-	[-	3,520
CONTINGENCY (•	-	-	-	180
TOTAL CONTRAC	_			• • • •	•	-	-	-	3,700
SUPERVISION,			VERHEAD	(5.5%).	•	-	-	-	200
TOTAL REQUEST			• • • •	• • • •	•	-	-	·	3,900
EQUIPMENT PRO	VIDED	FROM OTH	ER APPRO	PRIATIO	NS	-	- (NC	N-ADD)	(0)
									İ
								!	
								ŀ	
O. DESCRIPTION OF	PROPO	SED CONSTRU	ICTION			٠			

Two-story steel frame and masonry building, pile foundation, concrete floors, built-up roof, cecurity alarms, energy monitoring and control system, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 38,000 SF. ADEQUATE: 12,600 SF. SUBSTANDARD: 0 SF. FACTECT: Constructs a facility for life-cycle support of the Fleet Area Control and Surveillance Facility (FACSFAC) systems. (Current mission.) REQUIREMENT: Adequate and properly-configured facilities to accommodate software and hardware maintenance, repair, software configuration management and problem analysis for the FACSFAC life-cycle support program. Both hardware and software support must be provided to ensure the highest level of technical assistance, to optimize maintenance and logistic activities, and to provide for the software development, modification, and configuration control of all FACSFAC installations. As recommended by congress, the FACSFACs collaborate with FAA air-traffic-control to provide continuous surveillance and traffic control in those areas where civilian and willitary aircraft might intermingle, in an effort to avoid mid-air collisions and enhance air safety. Four FACSFACs have been constructed ac naval bases in facksorville, the Virginia Capes, San Diego, and Oahu to control airspace over large off-shore operating areas. In addition, systems are used for control and surveillance at Key West, Fallon, and Hill Air Force Base in Utah.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 302

3/N 0102-LF-001-3610

1. COMPONENT							
NAVY	FY 19 ⁹¹ MILITARY CONSTRUCTION PROJECT D	DATA 2. DATE					
3 INSTALLATION	AND LOCATION						
	ONIC SYSTEMS ENGINEERING ACTIVITY, ST. INIGOES	, MARYLAND					
4. PROJECT TITLE		B. PROJECT NUMBER					
PACSFAC ELEC	TRONIC SYSTEMS INTEGRATION	P-723					
11. REQUIREMENT: (Continued) CURRENT SITUATION: The FACSFAC program, with its state-of-the-art equipment and markedly increased number of applications, has greatly increased the current and projected workload. Several new systems which require immediate support have been brought on-line. The present support facility cannot keep pace with current operating systems and the projected seven new systems that will become operational during the 1990's. Dramatic increases in monitoring of air traffic have increased system overloads which jeopardize air traffic safety. IMPACT IF NOT PROVIDED: Navy will be unable to provide the software and hardware support to keep the FACSFACs in operation. This could adversely affect national security, as well as air safety over thousands of square miles of coastal and land range warning areas. The same would apply for the other related facilities that have been designated for FACSFAC type support. 12. SUPPLEMENTAL DATA:							
12. SUPPLEM	ENTAL DATA:						
	imated design status: (Project design conformation design status: (Project design conformation design Guid						
(1)	Status: (a) Date Design Started	<u>100</u> <u>5-89</u>					
(2)	(a) Standard or Definitive Design: (b) Where Design Was Most Recently Usid:	Yes No X					
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>80</u>) (<u>310</u> (<u>270</u>)					
(4)	Construction start	1-91 (month and year)					
_	ipment associated with this project which wil ppropriations: None.	l be provided					

1. COMPONENT											
NA CRE	FY 19 ⁹¹	<u></u> MII	LITARY	CON	STRU	CTION	PROG	RAM			
NAVY	O LOCATION	1		—	4. COMN	AAND			A 855	CONSTR	
NAVAL INTELLIG			A DOMA				rellig:	ENCE	COST	CONSTR.	
SUITLAND, MARY		MINU III	PUDYOUR	CLEKS,		MAND	LEBUIG	BNCB	1.0	4	
6. PERSONNEL		ERMANEI	N.T	- 	TUDEN			UPPORTE			
STRENGTH:	017 517	4N-3780	CIVILIAN	0****			OFFICER	44418780	CIVILIAN	TOTAL	
a. AS CF 9/30/88	291	952	1387	0	0	0	0	0	0	2630	
a. AS CF			[`					1		
b. END FY 19 94	285	972	1556	0	0	0	0	0	0	2813	
		L	7. INVEN	TORY !	DATA /S	000)	L	L	ــــــــــــــــــــــــــــــــــــــ	<u> </u>	
. TOTAL ACREAGE			7. 1144 21	(0,0)		0001					
b. INVENTORY TOT		SEP I	L988						0		
c. AUTHORIZATION	NOT YET IN	INVENT	DRY					11	4,000		
d. AUTHORIZATION									0		
. AUTHORIZATION									0		
f. PLANNED IN NEX									0		
g. REMAINING DEFI	CIENCY								0		
h. GRAND TOTAL .								11	4,000		
8. PROJECTS REQUE	STED IN THIS	PROGR	AM:								
CATEGORY CODE PROJE	CT TITLE				SCOPE		(800		DESIGN STA	COMPLETE	
											
-	arters B	ldg (Iı	nor II)		LS		0*	02	2/87	02/90	
TOTA	L						0				
9. Future Pro											
a. Includ	ed in fol	llowing	g progi	cam:	None.						
b. Major	Planned !	Next T	hree Ye	ears:	None	•					
10. Mission of Naval Intellig requirements a perform such of authority.	ence Commund respon	mand to	insur ities (re the of the	e fulf e Depa	illme rtmen	nt of t of t	the int	ellige /; and	nce	
11. Outstandi	ng pollu	tion a	nd safe	tv de	ficie	ncies	:	(\$000)			
	tion Aba						,-	0			
	llation 1							0			
	ational			ealth	(OSH)	:		Ō			
•		•									
						•					
ļ.											

1. COMPONENT	FY 19_91_MILIT	ARY CO	NSTRU	CTIO	N PRO	DJECT DA		ATE		
3. INSTALLATION A	ND LOCATION			14. FF	OJECT	TITLE				
		CA POULA DA	men c		HEADOUARTERS BUILDING					
	GENCE COMMAND H	PURTONKI	, cha	1	(INCREMENT II)					
SUITLAND MAR		MBER Tucke		ECT COST (8000)					
	in the same					AUT		0*		
N F I P		_				1		_		
0301398N	143.6		P-0			APP	R: 55.	<u> </u>		
		J. CO.	1 50 1 1111/	1160	, ,					
	ITEM				U/M	QUANTITY	COST	(\$000)		
HEADQUARTERS	BUILDING				SF	812,000	•	48,530		
BUILDING .	SF	587,000	75.00	(44,030)						
PARKING STR					SF	225,000	20.00	(4,500)		
SUPPORTING FA					i- i	_		54,380		
	STRUCTION FEATU	RES			Ls	_	-	(45,380)		
UTILITIES.					LS	_	-	(6,000)		
	SITE IMPROVEMEN	т			LS	_	-	(3,000)		
SUBTOTAL					-	_	-	102,910		
CONTINGENCY (• • • •				-	_	-	5,150		
TOTAL CONTRAC	•				-	_	_	108,060		
	INSPECTION & OV	ERHEAD	(5.5%)		-	-	_	5,940		
SUBTOTAL					-	_	-	114,000		
	MENT I FUNDING:	FY 198	R9		<u> </u>	_	_	- 58,952		
	FUNDING REQUEST			• •	-	_	1 -	55.048		
	VIDED FROM OTHE			ONS	-	- (NC	N-ADD)	(3)		
* PRIOR YEA	R AUTHORIZATION									

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-story reinforced concrete building, pile foundation, sensitive compartmented information facility construction, computer flooring, earth berms from imported fill material, intrusion detection systems, radio frequency shielding, secure raceways for power, communications and data, vehicle barricades, hardened guard structures, air conditioning, special ventilation systems, silver waste recovery, waste neutralization and treatment system, grease removal system, 60 HZ emergency generators, 400 HZ electric power, uninterruptible power supply, grounding and lightning protection, independent power house, parking garage, utilities, elevators.

11. REQUIREMENT: 812,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a building with secure and technically supported environment for critical, highly sensitive intelligence gathering services, accommodating approximately 2,230 employees, and a supporting parking facility. (Current mission.)

REQUIREMENT: The Naval Intelligence Command (NIC) in Suitland, Maryland needs to be centralized to provide necessary functionality and security. Projections indicate an expansion of the commands mission with associated increases in staff and space needs including major requirements for additional data processing equipment space. The existing NIC complex is not designed for expansion.

(Continued on DD 1391c)

DD, 500% 1391 S/N 0102-LF 001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		2. DATE					
NAVY	FY 19_91MILITARY CONSTRUCTION PROJECT D	ATA					
3. INSTALLATION	AND LOCATION	<u></u>					
	IGENCE COMMAND HEADQUARTERS, SUITLAND, MARYLAN						
4. PROJECT TITLE	}	S. PROJECT NUMBER					
HEADQUARTERS	BUILDING (INCREMENT II)	P-001A					
ll. REOUIRI	MENT: (Continued)						
	MATION: NIC facilities are currently overcrowd	ed and					
	eased spaces in several locations. No space e						
expansion of	consolidating requirements. The majority of	the command is					
	en leased buildings with additional activities Beach and a Smithsonian Warehouse.	at Crystal City,					
	OT PROVIDED: NIC facilities will remain overcr	owded and					
	ith conditions worsening because of staff incr						
	eased space will still be required and lease c						
continue to	escalate.						
12. SUPPLEM	ENTAL DATA:						
. 5	danka anda akan akan an angaran an angaran						
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid						
miricary man	www. 1190, raciffly riamining and besign dulu	. · /					
(1)	Status:						
	(a) Date Design Started	<u>2-87</u>					
	(b) Percent Complete as of January 1990						
	(c) Date Design 35% Complete						
	(d) Date Design Complete	2-90					
(2)	Basis:						
	(a) Standard or Definitive Design:	Yes No X					
	(b) Where Design Was Most Recently Used:	N/A					
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)					
	(a) Production of Plans and Specifications.	(<u>3030</u>)					
	(b) All Other Design Costs						
	(c) Total						
	(d) Contract						
	(e) In-house	(330_)					
(4)	Construction start	1-91					
	_	month and year)					
		•					
-							
from other	ppropriations: None.						

. COMPONENT									2. DATE	
NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	OGRAM	ļ		
. INSTALLATIO	ON AND LO	CATION			4. CDMMA	ND		1	5. AREA CO	
NAVAL OCE Bay St. L			FACILITY	•	NAVA COMM	L DCEANDGI And	RAPHY		. 85	
. PERSONNEL		PERMANEN	r		STUDENTS	;		SUPPORT	ED	1
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS OF G9/30/88 b. END FY	7	17	21	0	0	0	0	0	0	4
1994	8	23	24	0	0	0	0	ი	0	51
			7.	INVENTO	RY DATA ((000				
a. TOTAL ACR		F 0F 20 S	ED 88		NT OF NAS			۵		
C. AUTHORIZA	TION NOT	YET IN I	NVENTORY .					1,600		
d. AUTHORIZA e. AUTHORIZA	TION INC	LUDED IN	FOLLOWING	PROGRAM				1,700		
f. PLANNED I								8.000		
h. GRAND TO	YAL		·					11,300		
8. PROJECTS	REQUESTED	IN THIS	PROGRAM:						· · · · · ·	
CATEGORY							c	T20:	DESIGN	STATUS
CODE								1000	START	
137.10 00	EANDGRAPI TOTAL	HIC BUILD	ING			12,420	SF	1,700	10/88	09/89
B. MAJOR None		NEXT THRE	E YEARS:							
Ocea Prog Ocea	tain and nography ram, and nography	distribu Program, serve as Reserve I	te techni manage t the prog Program.	he Meteo ram admi	ments in rlogical nistrator	and Ocean	ographic			
11. OUTSTANDI	NG POLLU	TION AND	SAFETY DE	FICIENCI	ES: (\$0	<u>o</u>)				
B: INSTA	LLATION I	RESTORATIO		(0011)		ŏ				
C: OCCUP	ATTUNAL	SAFEIT AN	J MEALIN	(USH):		U				
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DD FORM 1390 1DEC76

FY 19_91_MILITARY CONSTRUCT							JJE	CT DA	ΓΑ	2. 0.	ATE
3. INSTALLATION A	ND LOC	ATION			4. PR	OJECT	TIT	LE		Ь	
• • • • • • • • • • • • • • • • • • • •		COMMAND FACILITY	,								
BAY ST. LOUIS			. ,		_	CE NI	~~p:	APHIC	D##	D 7 11	, ,
5. PROGRAM ELEME		6. CATEGURY CODE	7. PRO	is c				8. PROJE			
3. 7. 100 Main 222 Main 1						**************************************		a 403t		/S / 14	10007
0305196N	0305196N 137.10 P-001 1.70						1 70	^			
02021368		1,37,10	ST ESTH						1,70	<u>v</u>	
				-							
		ITEM				U/M	au	ANTITY	CO		COST (\$000)
OCEANOGRAPHIC	BUIL	DING		•	•	SF	1.	2,420	-		1,290
BUILDING .					•	SF	1.	2,420	97.	00	(1,200)
BUILT-IN EC	UIPME	NT				LS	i	-	-		(90)
SUPPORTING FA	CILIT	IES				-		-	-		240
SPECIAL CON	ISTRUC	TION FEATURES				LS)	-	-		(50)
ELECTRICAL	UTILI	TIES				LS	1	-	-		(80)
MECHANICAL	UTILI	TIES				LS	1	_	-		(50)
PAVING AND	SITE	IMPROVEMENT				LS	1	_	_	,	(60)
SUBTOTAL						-	İ	-	-		1,530
CONTINGENCY	(5%)					-	1	_ `	_		80
TOTAL CONTRAC						_	1	_	-		1,610
SUPERVISION.	INSPE	CTION & OVERHEAD	(5.5%	١.		-]	_	-		90
TOTAL REQUEST			,	` .		_	Ì	_	_		1.700
		FROM OTHER APPRO	PRIAT	TO	NS.	_	1	- (NO	N-AD	ומו	(0)
					-	1)	([-,	i `
						1	1				
						Ì]		1		
						1]				
10. DESCRIPTION OF	FPROPO	SED CONSTRUCTION									

One-story reinforced concrete frame building, pile foundation and concrete floor, reinforced concrete walls and roof capable of supporting heavy electronic equipment, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 12,420 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides sufficient space to house administration, training, meteorlogical and oceanography program department personnel, and the reserve readiness department personnel. (Current mission.) REQUIREMENT: Adequate collocated facilities to house personnel working in support of worldwide meteorlogical and oceanographic services. Personnel are responsible for program management of the Meteorlogical and Oceanographic Equipment Program (MOEP), for climatology, meteorlogical, and oceanographic training, and for logistic support of Naval Oceanography Command activities worldwide. Space is also necessary for climate controlled storage and associated workshops to fully support the worldwide meteorlogical and oceanographic services. CURRENT SITUATION: The Naval Oceanography Command Facility (NAVOCEANCOMFAC) is currently housed in inadequate facilities because of configuration and location. There is also a shortage of space for

(Continued on DD 1391c)

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storage, equipment maintenance, and support services.

FAGE NO. 308 .

1. COMPONER	4T	A1	2. DATE
YVAN	1	FY 19 91 MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALLA	TION A	ND LOCATION	
NAVAL OCI	EANOG	RAPHY COMMAND FACILITY, BAY ST. LOUIS, MISSISS	IPPI
4. PROJECT T	_		S. PROJECT NUMBER
OCEANOGRA	APHIC	BUILDING	P-001
IMPACT II facilitie equipment to be sto	es no crep cred	ENT: (Continued) PROVIDED: Personnel will continue to work in the constructed for the activity's mission. Eme air parts and routine fleet distribution items in four scattered locations. Inefficient operause of overcrowded and inadequate facilities.	rgency will continue
12. SUPI	PLEME	NTAL DATA:	
a. Military		mated design status: (Project design conforms book 1190, *Facility Planning and Design Guide	
	(1)	Status: (a) Date Design Started	<u>100</u> <u>3-89</u>
	(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	resNoX
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>10</u>) (<u>110</u> (<u>100</u>)
	(4)	Construction start(π	12-90 Onth and year)
b. from othe	_	pment associated with this project which will propriations: None.	•

DD 1 DEC 76 1391c

PROJECT PATALLI SSISSIPPI PERMANEN FFICER ENLISTED 174 3929 197 3690 IE IN NOT YET IN IN REOUESTED IN NOT YET IN IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN INCLUDED IN THIS PROJECT SOLLED HUMIDITY TAL	CIVILIAN 715 715 715 7. SEP 88 NVENTORY. N THIS PROFOLLOWING	OFFICER 2 0 INVENTO	STUDENTS ENLISTED 508 662 RY DATA (14,772)	FACILITI NEERING CC CIVILIAN O COOO)	OFFICER O O	SUPPORTED 42 42 42 82,190 29,510 6,900 6,900 9,000 24,880 53,080	. AREA CC COST 1 .85	
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FFICER ENLISTED 174 3929 197 3690 SEE TO	715 715 715 7.5 SEP 88 INVENTORY IN THIS PROFOLLOWING FOLLOWING PROGRAM:	O INVENTO	508 662 RY DATA (1	CIVILIAN O O	0	ENLISTED A2 A2 E2,190 29,510 6,900 600 9,000 24,880	CIVILIAN	5370
174 3929 197 3690 SEE STAL AS OF 30 9 IN NOT YET IN 1 IN REQUESTED IN IN INCLUDED IN MEXT THREE PROD FICIENCY UESTED IN THIS PROJECT SOLLED HUMIDITY	715 715 7. SEP 88 NVENTORY. N THIS PROI FOLLOWING GRAM YEARS PROGRAM:	O INVENTO	508 662 RY DATA (1	0 0	0	42 42 82,190 29,510 6,900 600 9,000 24,880	٥	5370
197 3690 SEE STAL AS OF 30 SIN NOT YET IN 1 IN REQUESTED IN INCLUDED IN INCLUDED IN SEXT THREE PROOFFICIENCY. UESTED IN THIS PROJECT SOLLED HUMIDITY	715 7. SEP 88 NVENTORY V THIS PROFOLLOWING FOLLOWING PROGRAM :	O INVENTO	662 RY DATA (1	6000)	0	\$2,190 29,510 6,900 9,000 24,880		
IE ITAL AS OF 30 SIN NOT YET IN IN REQUESTED IN INCLUDED IN IEXT THREE PROCESTED IN THIS UESTED IN THIS PROJECT SOLLED HUMIDITY	7. SEP 88 INVENTORY. IN THIS PROF FOLLOWING GRAM YEARS PROGRAM:	INVENTO (GRAM PROGRAM	4,772)	60001		82,190 29,510 6,900 600 9,000 24,880	0	5300
TAL AS OF 30 4 N NOT YET IN 1 N REQUESTED IN 1 N INCLUDED IN NEXT THREE PROC FICIENCY UESTED IN THIS PROJECT SOLLED HUMIDITY	SEP 88 INVENTORY. I THIS PROI FOLLOWING GRAM YEARS. PROGRAM:	GRAM	4,772)		:	29,510 6,900 600 9,000 24,880		
TAL AS OF 30 4 N NOT YET IN 1 N REQUESTED IN 1 N INCLUDED IN NEXT THREE PROC FICIENCY UESTED IN THIS PROJECT SOLLED HUMIDITY	NVENTORY. THIS PROFESSION FOLLOWING GRAM YEARS PROGRAM:	GRAM . PROGRAM		· · · · · · · · · · · · · · · · · · ·	:	29,510 6,900 600 9,000 24,880		
DLLED HUMIDITY	T TITLE							
DLLED HUMIDITY	TITLE				c	Q5 <u>T</u>	DESIGN	
TAL				500FE 150,000 5		6,90 0	.1/88	COMPLETE 01/90
						6.900		
: <u>c1s</u> :								
CARE CENTER				4,560	SF	600		
MTIS BLDG	E YEARS:			LS 53,740 S				
the Naval Corational units: mobilization perserve, and val Construct: Mobile Construction Treve Naval Mobive Naval Construction Treve Naval Constructions Naval Construction Treve Naval Construction Treve Naval Construction Treve Naval Construction And Temporal Train Restoration	struction deployed requirements ship advanton Regime ruction Baraining Cellic Constitution Formatting	from or ints of tinced basint ttalions nter uction Basinents orce Augustion Ficienci	nomeporte ne Naval ed and mo attalions mentation	d at the c Construct bilization Unit	enter:			
	IN FOLLOWING FOR CARE CENTER AND CARE CENTER AND CARE CENTER AND CARE CENTER AND CARE CARE CARE CARE CARE CARE CARE CARE	IN FDLLOWING PROGRAM O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE	IN FDLLOWING PROGRAM O CARE CENTER ADDITION OTAL INNED NEXT THREE YEARS: MIIS BLDG MOPS MAJOR FUNCTIONS: In the Naval Construction Force, Mational units deployed from or in the Naval Construction Force, Mational units deployed from or in the Naval Construction Regiment Mobile Construction Battalions Construction Training Center Move Naval Mobile Construction Brive Naval Construction Regiments Mayal Construction Regiments Mayal Construction Force August Naval Construction Force August Naval Construction Force August Pollution AND SAFETY DEFICIENCY NA BATEMENT	IN FDLLOWING PROGRAM O CARE CENTER ADDITION OTAL INNED NEXT THREE YEARS: MIIS BLDG HAJOR FUNCTIONS: The Naval Construction Force, fleet unitational units deployed from or homeporter antional units deployed from or homeporter amobilization requirements of the Naval of perserve, and ship advanced based and mole perserve, and ship advanced based and mole val Construction Regiment Mobile Construction Battalions onstruction Training Center reve Naval Mobile Construction Battalions we Naval Construction Regiments we Naval Construction Force Augmentation PDLLUTION AND SAFETY DEFICIENCIES: (\$0 IN ABATEMENT ITION RESTORATION 9.9	IN FDLLOWING PROGRAM O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION A ,560 S INVED NEXT THREE YEARS: MISS BLDG L5 S3,740 S INVED FUNCTIONS: The Naval Construction Force, fleet units and assets the Naval Construction from on homeported at the composition requirements of the Naval Construct perserve, and ship advanced based and mobilization requirements Mobile Construction Regiment Mobile Construction Battalions Construction Training Center The Naval Construction Regiments The Naval Construction Regiments THE Naval Construction Force Augmentation Unit POLLUTION AND SAFETY DEFICIENCIES: (\$000) IN ABATEMENT 30 9,940	IN FDLLOWING PROGRAM O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER ADDITION O CARE CENTER O CARE CENTER ADDITION O CARE	IN FDLLOWING PROGRAM CARE CENTER ADDITION CARE CENTER ADDITION CONTAL CONT	IN FDLLOWING PROGRAM O CARE CENTER ADDITION O CARE CENTER ADDITION INNED NEXT THREE YEARS: MIS BLDG LS S3,740 SF 4,000 MAJOR FUNCTIONS: The Naval Construction Force, fleet units and assigned attional units deployed from or homeported at the center; mobilization requirements of the Naval Construction Force; perserve, and ship advanced based and mobilization stocks. Inval Construction Regiment Mobile Construction Battalions Construction Training Center The Naval Mobile Construction Regiments The Naval Construction Regiments The Naval Construction Force Augmentation Unit POLLUTION AND SAFETY DEFICIENCIES: (\$000) IN ABATEMENT 30 9,940

DD FORM 1390 1DEC76

1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL CONSTRUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI CONTROLLED KUMIDITY WAREHOUSE 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 3. PROJECT COST (\$000) 0702896N 441.20 P-745 6,900 9. COST EST 73% UNIT COST QUANTITY SF 150,000 4,310 26.00 SF 150,000 (3,950)(360) 1,920 SPECIAL CONSTRUCTION FEATURES. LS (840) LS 370) PAVING AND SITE IMPROVEMENT. LS 710) _ 6.230 _ 310 6,540 SUPERVISION, INSPECTION AND OVERHEAD (5.5%). . _ 360 6,900 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS . (NON-ADD) (0) 10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete frame building, pile foundation, reinforced concrete floor and roof, masonry walls, special flooring, fire protection and alarm systems, intrusion detection system, utilities.

11. REQUIREMENT: 999,160 SF. ADEQUATE: 849,160 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a controlled humidity warehouse. (Current mission.) REQUIREMENT: Adequate controlled humidity storage space for prepositioned war reserve material stock (PWRMS) and civil engineering support equipment (CESE) to support readiness of the Naval Construction Forces. Storage of this material and equipment is one of the primary missions of Gulfport. If full mobilization occurs, up to three active construction battalions, one active construction regiment, four reserve construction regiments, and eight reserve construction battalions will be processed through Gulfport. These units must move to Gulfport, draw equipment, pack-up the equipment and move-out within a 45-day period. Therefore, properly designed and efficient storage facilities are mandatory. CURRENT SITUATION: PMRMS bulk items such as lumber, pipe, fencing, and refrigeration units are stored outside. There is inadequate inside storage space for CESE equipment such as hand tools and medical supplies. Materials valued at more than \$20 million will continue arriving at Gulfport through 1992. Gulfport is located in a high-humidity climate

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY

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)	FY 19 91 MILITARY CONSTRUCTION PROJECT D	PATA
NAVY	N AND LOGATION	<u> </u>
	RUCTION BATTALION CENTER, GULFPORT, MISSISSIPPI	
4. PROJECT TITL	.E	S. PROJECT NUMBER
CONTROLLED	HUMIDITY WAREHOUSE	P-745
where salinaverage and outside will maintenance IMPACT IF Notes to support	TUATION: (Continued) nity in the air causes rapid metal deterioration unal rainfall is 80 inches. Storing materials at accelerate deterioration and result in a shore cycle and an unservicable condition. HOT PROVIDED: Increased equipment maintenance coangetive impact on readiness of the Naval Con	nd equipment ter preventive sts, materials
	stimated design status: (Project design conform andbook 1190, "Facility Planning and Design Guid	
(1	(a) Date Design Started	<u>100</u>
(2	Basis:	
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X
(3	 (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>35</u>) (<u>85</u>)
(4) Construction start	12-90 (month and year)
	uipment associated with this project which will appropriations: None.	be provided
	•	

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 3 : C

NAVY		FY	Mit	TARY C	ONSTRUC	TION DDG	CDAM	I I	. DATE			
	i i					TION PAC	CAAM					
3. INSTALLATIO	IN AND LO	CATION			4. COMMA	ND		5	AREA C			
NAVAL CON GULFPORT,			CENTER,			F OF NAVAI		g i	. 85			
PERSONNEL STRENGTH		PERMANEN'	1		STUDENTS		-	SUPPORTE	5			
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL		
09/30/88 b. END FY	7	126	34	2	415	0	0	0	0	584		
1994	6 143 34 0 533 0 0					0	0	716				
a. TOTAL ACR			7.		RY DATA (
b. INVENTORY C. AUTHORIZA d. AUTHORIZA d. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOT 8. PROJECTS R	TION NOT TION REQU TION INCO N NEXT TO DEFICIES TAL	YET IN IP DESTED IN LUDED IN I HREE PROGE	VENTORY THIS PROFULLOWING RAM YEARS	GRAM PROGRAM				0 5,250 8,600 0 0 4,800 18,650				
CATEGORY								ost		STATUS		
171.20 API	PLIED INS	PROJECT ST BLDG	TITLE			12,560 S	 5F	1,500	10/86	COMPLETE 09/89		
721.14 BA	RRACKS TOTAL					73,000	5F	7,100 8,600	11/88	01/90		
NONE B. MAJOR I NONE		NEXT THREE	YEARS:	·								
Trail	Seapee	personne						200				
Transdesig	n Seabee gnated sp specializ		: suppler	ment on-	the-job t	aining w	th adva					
Train designed in and in grant	n Seapee gnated sp specializ n in a fo	personne decialties decialties decialties decimal school s	s suppler ng when s	ment on-: Buch tra:	the-job ti ining is i	raining winone advar	th adva					
Train designed in and in given and in an and in given and in an an an an an an an an an an an an an	n Seabee gnated sp specialization in a fo NG POLLUI TION ABAI LLATION F	personne de califie de	stypplering when sool. AFETY DES	Hent on-	the-job ti ining is i	raining w nore advar	th adva					
Trail desig and desig and designation gives 1. QUISTANDIS A: POLLU B: INSTAL	n Seabee gnated sp specialization in a fo NG POLLUI TION ABAI LLATION F	personne de califie de	stypplering when sool. AFETY DES	Hent on-	the-job ti ining is i	more advar	th adva					
Trail desig and desig and designation gives 1. QUTSTANDIS A: POLLU B: INSTAL	n Seabee gnated sp specialization in a fo NG POLLUI TION ABAI LLATION F	personne de califie de	stypplering when sool. AFETY DES	Hent on-	the-job ti ining is i	more advar	th adva					
Trail desig and desig and designation gives 1. QUISTANDIS A: POLLU B: INSTAL	n Seabee gnated sp specialization in a fo NG POLLUI TION ABAI LLATION F	personne de califie de	stypplering when sool. AFETY DES	Hent on-	the-job ti ining is i	more advar	th adva					
Trail desig and desig and designation for the second designation for the second designation designatio	n Seabee gnated sp specialization in a fo NG POLLUI TION ABAI LLATION F	personne de califie de	stypplering when sool. AFETY DES	Hent on-	the-job ti ining is i	more advar	th adva					
Trail desig and desig and designation gives 11. OUTSTANDIS A: POLLU B: INSTAL	n Seabee gnated sp specialization in a fo NG POLLUI TION ABAI LLATION F	personne de califie de	stypplering when sool. AFETY DES	Hent on-	the-job ti ining is i	more advar	th adva					
designed : and : giver 11. OUTSTANDIF A: POLLU B: INSTA	n Seabee gnated sp specialization in a fo NG POLLUI TION ABAI LLATION F	personne de califie de	stypplering when sool. AFETY DES	Hent on-	the-job ti ining is i	more advar	th adva					

1. COMPONENT		9 <u>91</u> MILITARY CO	NST	RU	C.	ΓΙΟΙ	N PRO	DJE	CT DA	TA	2. D	ATE	
3. INSTALLATION A	ND LOC	ATION			٦	4. PR	OJECT	TIT	LE				
NAVAL CONSTRUCTION TRAINING CENTER,													
GULFPORT, MIS	SISSI	PPI			_[A	APPLIED INSTRUCTION BUILDING						
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT						ECT NUMBER 8. PROJECT COST (\$000)							
0805796N	0805796N 171.20 P-716 1,50)0		1				
		9. COI	IT ES	TIM	ΑT	E\$		_					
		ITEM					U/M	QU.	ANTITY		NIT T8C	COS (800)	
APPLIED INSTR	NOTIO	N BUILDING		•		•	SF		2,560	90.	. 00	1,1	
SUPPORTING FA	CILIT	ies			•		-	1	₹.	-	- ļ	2	20
UTILITIES.				•		•	LS	1	-	-	- }	•	80)
		IMPROVEMENT		•	•	•	LS	1	-	-	-		90)
DEMOLITION				•	•	•	LS	1	-	-	-	`	<u>50</u>)
SUBTOTAL				•	•	•	-	1	-	-	-	1,3	
CONTINGENCY (•			•	•	•	-		-	-	-		<u>70</u>
TOTAL CONTRAC	T COS	T		•	•	•	-	1	-	-	-	1,4	20
SUPERVISION,	INSPE	CTION AND OVERHEAD	D (5.5	•)	•	-	1	-	-	-		80
TOTAL REQUEST				•	•	•	1-		-	-	-	1,5	
EQUIPMENT PRO	VIDED	FROM OTHER APPROI	PRI	ATI(ON	S	-		→ ((рои-	-ADD	(0)
10 0555618*10N 0													

One-story steel frame building, concrete foundation and floor, masonry walls with brick facing, built-up roof, fire protection and security alarm evstems, air conditioning, utilities, demolition of one building.

JULRENT SITUATION: The existing construction electrician's school is ocited in a 43-year old converted Battalion Headquarter's Building. The acility has undersized classrooms, not permitting proper safety zones or instructor observation areas. Floor loading is approaching unsafe limits. IMPACT IF NOT PROVIDED: The construction electricians will continue to be ta at in a deteriorated building, poorly configured for training, and co. mining many safety hazards. The quality of instruction will suffer, adversely affecting the Seabees to support fleet activities.

(Continued on DD 1391c)

^{11.} REQUIREMENT: 57,990 SF. ADEQUATE: 45,430 SF. SUBSTANDARD: 0 SF. PPOJECT: Provides an instruction building. (Current mission.) PLOUIREMENT: Adequate facilities for training Seabees in the basic and advanced construction electrician skills.

1. COMPONEN	Ŧ			
NAVY		FY 19 MILITARY CONSTRUCTION PROJECT D	ATA	2. DATE
3. INSTALLAT	ION A	AND LOCATION		
NAVAL CON	STRU	CCTION TRAINING CENTER, GULFPORT, MISSISSIPPI		
4. PROJECT T		.	S. PROJE	CT NUMBER
APPLIED 1	NST'R	RUCTION BUILDING		P-716
12. SUPF	LEME	NTAL DATA:		
a. Military	Esti Hand	mated design status: (Project design conform Book 1190, "Facility Planning and Design Guide	s to Pa	art II of
	(1)	Status:		
		(a) Date Design Started		10-88
		(D) Percent Complete as of January 1990		100
		(C) Date Design 35% Complete		3-80
		(d) Date Design Complete	• • • • • •	9-89
	(2)	Basis:		
		(a) Standard or Definitive Design:	Yes	No X
		(b) Where Design Was Most Recently Used:	N/	_
	(3)	Total cost (c) = (a) + (b) or (d) + (e):		(\$000)
		(a) Production of Plans and Specifications.		(65)
		(D) All Other Design Costs		(55)
		(C) Total		120
		(d) Contract(e) In-house		(90_)
		(e) In-house	• • • • •	(30_)
((4)	Construction start	12	-90
		(π	orith a	nd year)
b. E	quip	pment associated with this project which will	be pro	vided
from other	app	Propriations: None.		
				:
	-	•		i

1. COMPONENT NAVY	FY 1	9 91 MILITARY CO	N PR	DJECT DA	ΓA 2.	DATE		
3. INSTALLATION A NAVAL CONSTR GULFFORT, MI	UCTION	TRAINING CENTER,	Ì	OJECT	TITUE			
5. PROGRAM ELEM		S. CATEGORY CORE	7. PROJEC	TNU	MEER	S. AROJE	CT COST	(\$000)
0804731N		721.14	P-72	3		7,	100	
		9. COI	ST ESTIMA	res				
-		ITEM			U/M	QUANTITY	COST	COST (8000)
BARRACKS			• • • •	•	SF	73,000	81.00	5,910
SUPPORTING F		IES		٠	-	-	-	500
UTILITIES.			• • • •	•	LS	_		(110)
SUBTOTAL	SITE	IMPROVEMENT	• • • •	•	100		-	6,410
CONTINGENCY	(58)			•	_	_	۱ -	320
TOTAL CONTRA		T		•	_	-	-	6,730
SUPERVISION,	INSPE	CTION AND OVERHEA	D (5.5%).	-	-	! -	370
TOTAL REQUES	т] -	-	-	7,100
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NON-AD	0) (0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three-story steel-frame dormitory building, concrete foundation and floors, masonry walls with brick and stucco facing, air conditioning, fire protection and alarm systems, utilities; semi-open-bay living compartments concept.

Grade mix: 424 El-E4. Total: 424.

11. REQUIREMENT: 424 PN. ADEQUATE: 0 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for 424 enlisted personnel. (Current mission.)

REQUIREMENT: Adequate housing for enlisted "A" school students assigned construction trades training at this center.

CURRENT SITUATION: All "A" school students are being berthed in four 45-year old wood-frame, inadequate barracks beyond economical repair. A new construction deficiency of 424 adequate billeting spaces exists. This project will satisfy the current projected space deficit.

IMPACT 1F NOT PROVIDED: Continued use of existing barracks will degrade the safety, training, productivity, morale, and health of students. First-term retention rate for personnel attending "A" schools at Gulfport will possibly decline. Loss of one of the existing barracks because of structural failure would seriously hamper the mission of this center.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

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1 COM	PONEN	IT [2 DATE
NAVY		- {	FY 19	91 MILITARY CONSTRUCTION PROJECT D	ATA	
3. INST	ALLA.	TION A	ND LOCA	LTION		
NAVA	COI	NSTRU	CTION	TRAINING CENTER, GULFPORT, MISSISSIPPI		
4. PRO.	ECT T	ITLE			S. PROJE	CT NUMBER
BARR	ACKS					P-723
12.	SUPI	PLEME	NTAL D	ATA:		
	4.	Esti	mated	design status: (Project design conform	s to P	art II of
Mili	tary			190, "Facility Planning and Design Guid		
		/11	Statu	•		
		(1)		Date Design Started		- 11-88
			(b)	Percent Complete as of January 1990		100
				Date Design 35% Complete		
			(đ)	Date Design Complete	• • • • •	. 1-90
		(2)	Basis			
		\-/	(a)		Yes	No X
				Where Design Was Most Recently Used:	N	/A
		(3)	Total	.cost (c) = (a) + (b) or (d) + (e):		(\$000)
				Production of Plans and Specifications.		
				All Other Design Costs		
				Total		
			(e)	In-house		
		(4)	Const		1	
				(month	and year)
l	b.	-	-	associated with this project which will	be pr	ovided
from	othe	er ap	propri	ations: None.		:
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1. COMPONENT		FY	. 840.1	TARY C	ONSTRUC	TION DOG	CDAM	, 2.	DATE	}
NAVY		P1 1	1991 MILI	IART C	UNS I NUC	HON PRO	GRAM			
3. INSTALLATIO	N AND LO	CATION			4. COMMAN	ND		:5.	AREA CO	
NAVAL AIR Fallon, Ne		•				ANDER IN C	HIEF.	•	1.34	
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTED)	TOTAL
m. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	1 .0
09/30/88 b. END FY	97	755	319	20	0	0	295	1245	0	2731
1994	114	790	353	20	0	0	255	1245	0	2817
			7.	INVENTO	RY DATA N	1000				
B. TOTAL ACRE D. INVENTORY C. AUTHORIZAT G. AUTHORIZAT G. AUTHORIZAT F. PLANNED IN G. REMAINING D. GRAND TOT B. PROJECTS R CATEGORY CODE	TOTAL ASTRONOMY	YET IN IS JESTED IN LUDED IN IS HREE PROGE NCY	THIS PROJUCT THE PROJUCT THE PROJUCT THE PROGRAM:	GRAM			1	95,660 75,720 3,340 0 11,930 11,000 97,650	DESIGN START	STATUS COMPLETE
134.70 RAN	IGE AIR S	SURVEILLAN	ICE SYS			LS		3,340 3,340	04/88	03/89
S. FUTURE PRO	JECTS.									
A. INCLUDE NONE	D IN FOL	LOWING PA	ROGRAM							
211.05 MA		TMENT SYS	YEARS:			300 (LS 330 (750 9,000 2,180		
Suppo on no Navy Four One (11. OUTSTANDIN A: POLLUI B: INSTAL	ains and ort aerial tational strike is air-to-citectron is air-to-citectron is air-to-citectron against a sair-to-	operates al weapons l deployme warfare Co ground ran ic warfare	s training ents. enter nges e range GAFETY DE	o for flo	ES: (\$ 0	00)		enals to air wings		
i										

OD FORM 1390 1DEC76

SUPPORTING FAR ELECTRICAL PAVING AND	TION, A NT 6. CATEGORY COD 134.70 ITEM VEILLANCE SYSTEM.	P-28: 9. COST ESTIMAT	SYSTE T NUMBER	AIR SURV	.340	
PALLON, NEVADO D. PROGRAM ELEME 0204696N RANGE AIR SUR SUPPORTING FAI ELECTRICAL PAVING AND	134.70 ITEM VEILLANCE SYSTEM.	P-28: 9. COST ESTIMAT	SYSTE T NUMBER	M PROJE	.340	
PROGRAM ELEME 0204696N RANGE AIR SUR SUPPORTING FAI ELECTRICAL PAVING AND	134.70 ITEM VEILLANCE SYSTEM.	P-28: 9. COST ESTIMAT	T NUMBER	a PROJE	.340	\$000)
0204696N RANGE AIR SUR SUPPORTING FA BLECTRICAL PAVING AND	134.70 ITEM VEILLANCE SYSTEM.	P-28: 9. COST ESTIMAT	res		.340	\$00 0)
RANGE AIR SUR SUPPORTING FA BLECTRICAL PAVING AND	ITEM VEILLANCE SYSTEM.	9. COST ESTIMAT	res			
RANGE AIR SUR SUPPORTING FA BLECTRICAL PAVING AND	ITEM VEILLANCE SYSTEM.	9. COST ESTIMAT	res			·
SUPPORTING FAR ELECTRICAL PAVING AND	ITEM VEILLANCE SYSTEM.			QUANTITY		
SUPPORTING FAR ELECTRICAL PAVING AND	VEILLANCE SYSTEM.		U/M	QUANTITY		
SUPPORTING FAR ELECTRICAL PAVING AND	· · · · · · · · · · · · · · · · · · ·			L	COST	(8000)
ELECTRICAL PAVING AND	CILITIES.		. LS	-	_	760
PAVING AND			. -	-	-	2,260
	UTILITIES		. Ls	- 1	-	(1,370)
GH=GC=1 -	SITE IMPROVEMENT.		. LS	-	-	(_890)
SUBTUTAL			. -	(- 1	-	3,020
CONTINGENCY (5%)		. -	_	-	150
TOTAL CONTRACT			•] -	-	-	3,170
	INSPECTION & OVERH	EAD (5.5%).		Į - i	-	170
	• • • • • • • •		• [-	- 1	-	3,340
equipment pro	VIDED FROM OTHER A	P?ROPRIATIO	NS -	-(NO	N-ADD)	(18,000)
				1		
						1
IO. DESCRIPTION OF	PROPOSED CONSTRUCTIO	N		1	l	1
Three fixed r	adar sites includi	ng concrete	pads, f	ence, tra	nsforme	r,
generator, acc	cess road, and elec	ctric power	transmi	ssion lin	e	
11. REQUIREM	ENT: As Required.					
PROJECT: Pro	vides site prepara	tion and sup	pport fa	cilities	for thr	ee
	traffic control ra					
separated air	All areas of com-					
separated air REQUIREMENT:					f	anaration
separated air REQUIREMENT: require groun	d-based radar traci					
separated air REQUIREMENT: require ground among schedul	d-based radar traci ed and unscheduled	air traffic	c. Fall	on is req	uired t	o provide
separated air REQUIREMENT: require ground among schedul real-time air	d-based radar trac ed and unscheduled space management w	air traffic within its :	c. Fall Special	on is req Use Airsp	uired t ace (SU	o provide A)
separated air REQUIREMENT: require ground among schedul real-time air complex, which	<pre>d-based radar trac! ed and unscheduled space management v h comprises eight ;</pre>	air traffic within its : restricted :	c. Fall Special areas, f	on is req Use Airsp ive milic	uired t ace (SU ary ope	o provide (A) crating
separated air REQUIREMENT: require ground among schedulareal-time air complex, which areas, a supe	<pre>d-based radar tract ed and unscheduled space management the h comprises eight traction are</pre>	air traffic within its s restricted a rea and a c	c. Fall Special areas, f ivil air	on is req Use Airsp ive milic corridor	uired t ace (SU ary ope . Thes	o provide (A) erating se sites
separated air REQUIREMENT: require ground among schedul real-time air complex, which areas, a supe will provide	ó-based radar trace ed and unscheduled space management h comprises eight rsonic operating as essential range su	air traffic within its a restricted a rea and a c rveillance a	c. Fall Special areas, f ivil air and air	on is requise Airspive milic corridor traffic a	uired tace (SU ary ope . Thes dvisory	o provide (A) rating se sites
separated air REQUIREMENT: require ground among schedul real-time air complex, which areas, a supe will provide assistance to	d-based radar trace ed and unscheduled space management to h comprises eight rsonic operating as essential range sur both the military	air traffic within its s restricted a rea and a c rveillance a and civiliance	c. Fall Special areas, f ivil air and air an pilot	on is require the military or representation of the corridor traffic at the corrigor of the co	uired tace (SU ary ope Thes dvisory	o provide (A) erating (e sites) will
separated air REQUIREMENT: require ground among schedul real-time air complex, which areas, a supe will provide assistance to provide the a	ó-based radar trace ed and unscheduled space management h comprises eight rsonic operating as essential range su	air traffic within its a restricted of rea and a c rveillance of and civiliance of and civiliance of and civiliance of and civiliance of a means	c. Fall Special mreas, f ivil air and air an pilot to take	on is req Use Airsp ive milin corridor traffic a s. This positive	uired tace (SU ary ope Thes dvisory system	o provide (A) erating e sites will

1. COMPONENT

CURRENT SITUATION: The existing air traffic radar systems provide very limited coverage of the Fallon SUA. Two of the radars are long-range, but have relatively long periods (12 seconds) between updates. These systems are adequate for high-altitude commercial air traffic operating on charted airways, but are not capable of tracking high-speed-maneuvering military aircraft. The third radar has a much shorter update period, but is strictly

traffic occupies the least amount of airspace.

(Continued on DD 1391c)

NAVY												
3. INSTALLATION	NO LOCATION	· 										
	TION, FALLON, NEVADA											
4. PROJECT TITLE		S. PROJECT NUMBER										
RANGE AIR SUI	EVEILLANCE SYSTEM	P-282										
11. REQUIREMENT: (Continued) CURRENT SITUATION: (Continued) utilized as area approach radar for the immediate vicinity of the airfield. IMPACT IF NOT PROVIDED: This project is critical to the low-altitude, safe separation of military and civil aircraft in areas of high air traffic congestion. This concern is of such importance that potential near-miss situations or mid-air collision between military and civil aircraft in the Fallon airspace complex will result in broad scale adverse publicity and substantial litigation against the Navy. Long-term improvement toward air safety within the Navy's finest air training complex will not be realized.												
12. SUPPLEMENTAL DATA:												
	a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")											
	Status: (a) Date Design Started	9-88 3-89										
	(b) Where Design Was Most Recently Used:	N/A										
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>295</u>) (<u>445</u> (<u>425</u>)										
(4)	Construction start	11-90 (month and year)										
-	ipment associated with this project which will propriations: Fiscal Year	be provided										
Equipment	Procuring Appropriated	Cost										
Nomenclature												
Operational (Communication OPN 1989	18,000										

DD 1 DEC 74 13916

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	1							: 2	. DATE		
NAVY	<u> </u>	FY ·	1991 MIL	ITARY C	ONSTRUC	TION PRO	OGRAM				
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND		· · · · · · · · · · · · · · · · · · ·	. AREA CO		
NAVAL WEAT		TION,			NAVA:	L SEA SYS'	TEMS	:			
6. PERSONNEL		PERMANEN			STUDENTS	 -		SUPPORTE	D		
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	ENLISTED CIVILIAN		
a. AS OF 09/30/88	69	1163	747	0	0	0	-	0	0	1979	
b. END FY 1994	120	2333	747		0	0		0	0	3200	
	<u> </u>		7.	INVENTO	RY DATA ((000		 -		1	
a. TOTAL ACRI b. INVENTORY C. AUTHORIZA d. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOTA 8. PROJECTS R	TOTAL ASTION NOT TION REQUIRED INC. INC. INC. INC. INC. INC. INC. INC.	YET IN IN JESTED IN JUDED IN IN HREE PROGI	VENTORY, THIS PROF FOLLOWING RAM YEARS	GRAM . PROGRAM				81,930 73,980 20,000 15,100 46,610 14,550 52,170			
CATEGORY								OST	DESIGN S		
151.10 TRI	STLES RE	PROJECT PLACE (IP				SCOPE LS		20.000 20.000	06/89	07/90	
B, MAJOR F 151.10 TRE 421.72 MIS	JCK HOLD STLES RE TOTAL PLANNED P STLES RE SSILE MAC SSILE MAC	ING YARD EPLACE (IM NEXT THREE EPLACE(ING GAZINES GAZINE	YEARS:			LS LS 18,000 LS	SF	1,000 14,100 15,100 36,700 4,460 2,000			
Rece exper Maint annur in-se stors port	ve, rend ndable of ain bas nition to ervice er nge, and terminal	ovate, mai rdnance ii ic and war ransshipme ngineering transport	intain, sitems, weak reserve ent point and fle tation of in supp	pons, and ammunit for Arm at suppos ammunit ort of he	d technic ion stock ed Forces rt for pa ion. Pro omeported	al ordnan s. Act a . Conduc ckaging, : vide logi .ammuniti	ce mater s overse t RDT&S handling stics ar	nal. Pas In			
B: INSTAL	ION ABAT		ON .		<u>55</u> ; (<u>\$0</u>	0					

DD FORM 1390 1DEC76

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NAVY	TA 2 C	DATE										
3. INSTALLATION AND L	DCATION		4. PROJECT	TITLE								
NAVAL WEAPONS ST	ATION,		TREST	LES REPLA	CEMENT							
EARLE, NEW JERSE			(INCR	EMENT I)								
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	JECT NUMBER B. PROJECT COST (\$000)									
]	1]		i								
0702096N	151.10	9	20	.000								
9. COST ESTIMATES												
	ITEM		U/M	QUANTITY	UNIT	COST (\$000)						
TRESTLES REPLACE	MENT		. LS	_	-	18,060						
SUBTOTAL			. -	-	-	18,060						
CONTINGENCY (54)			. -	l -	_	900						
TOTAL CONTRACT C			. -	! -	_	18,960						
SUPERVISION. INS	PECTION & OVERHEAD	(5.5%).	. -) -	 -	1,040						
TOTAL REQUEST				_	_	20,000						
	ED FROM OTHER APPRO	PRIATIO	NS -	- 0	ON-ADD)							
10. DESCRIPTION OF PRO												

Construct adjacent to existing trestles 1 and 2, a segment of a new reinforced concrete trestle, 46-feet wide, on concrete piles, with two railroad tracks, two-lane roadway, and utilities.

11. REQUIREMENT: As Required.

PROJECT: Replaces segment of two trestles extending from the shoreline outward into Sandy Hook Bay to juncture with existing trestle 4, a distance of approximately two miles. (Current mission.)

REQUIREMENT: Trestles built in 1944 show signs of severe structural deterioration and must be replaced for safe access to the offshore piers to accommodate the mission of ordnance loading and homeporting. Ordnance is transported by both truck and railcar over these trestles enroute to and from storage magazines in the inland area of the weapons station. Homeport plan includes berthing three ammunition ships (AE's) and two fast combat support ships (AOE's) which resupply the Atlantic Fleet while underway with ammunition, fuel and other vital provisions. This is the first of three planned increments to totally replace trestles 1 and 2 from shore to trestle 4. Funding for increments II and III will be requested in Fiscal Years 1992 and 1993.

CURRENT SITUATION: Structural testing and analysis of existing trestles 1 and 2 show significant areas of deterioration currently, with accelerating deterioration of the concrete deck, caused by freeze-thaw cycles. The remaining life of the concrete deck may be limited to five more feeze-thaw (Continued on DD 1391c)

DD: FORM 1391 S/N 0102 LF-001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

I. COMPONEN	r		2. DATE
NAVY		FY 19_91_MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALLAT	ION AN	ID LOCATION	
		STATION, EARLE, NEW JERSEY	
4. PROJECT TI	TLE		5. PROJECT NUMBER
TRESTLES	REPLA	ACEMENT (INCREMENT I)	P-949
CURRENT S	ITUM	ENT: (Continued) FION: (Continued)	
		ut five years. Weight limitations have been	
IMPACT IF	COMP	resulting in increased loading times and cost <u>PROVIDED</u> : The Navy will not have safe access lex at the end of trestles 1 and 2 for transpupplies and personnel.	s from shore to
12. SUPP	LEMEN	NTAL DATA:	
		mated design status: (Project design conform	
willtary	nancu	book 1190, "Facility Planning and Design Guid	e.")
	(1)	Status:	
		(a) Date Design Started	
		(b) Percent Complete as of January 1990	
		(c) Date Design 35% Complete	
	(2)	Basis:	
		(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
	(3)	(a) Production of Plans and Specifications.	•
		(b) All Other Design Costs	
		(c) Total	
		(d) Contract	
		(e) In-house	(250_)
	(4)	Construction start(12-90 month and year)
L			ha manidad
		<pre>pment associated with this project which will propriations: None.</pre>	be provided
110111 04110	up:	, and the same of	
		f	

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 523

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1

1. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	OGRAM	, 2 !	. DATE		
NAVY 3. INSTALLAT	ION AND LO	CATION	·		4. COMMA	ND			. AREA C		
	DNANCE MI		T STATION	,	NAVA COMM	L SEA SYS	TEMS	: 	1.00	INDEX	
. PERSONNEL			 -								
STRENGTH	OFFICER	PERMANEN	CIVILIAN	OFFICER	STUDENTS	CIVILIAN	OFFICER	SUPPORTE	-	TOTAL	
a. AS OF 09/30/86	6	65	60	J	•	0	0	0	! 0	131	
b. END FÝ 1994	5	70	60	٥		0	0	0	i	135	
			7.	INVENTO	RY DATA O	(000					
a. TOTAL AC b. INVENTOR C. AUTHORIZ d. AUTHORIZ e. AUTHORIZ f. PLANNED g. REMAININ h. GRAND TO 8. PROJECTS	Y TOTAL AL ATION NOT ATION REO ATION INC IN NEXT T IG DEFICIE OTAL	YET IN I UESTED IN LUDED IN HREE PROG NCY	NVENTORY. THIS PRO FOLLOWING RAM YEARS	GRAM PROGRAM				7,090 8,090 600 0 1,500 1,500 18,780			
CATEGORY CODE		DDG 174.7						OST		STATUS	
	UN TEST R	PROJECT ANGE	TITLE			SCOPE_ LS		600 600	STAR* 03/89	COMPLETE 09/89	
421.72 S	grams, in	ISSILE MA FUNCTIONS Support N	GAZINE : RVy guide	flight	testing a						
110	n of DOD (missile t	est range	At Whit	e Sands.						
	UTION ABA	TEMENT		FICIENCI	ES: (\$0	- 0					
	ALLATION PATIONAL :			(O\$H):		0					
						•					

DD FORM 1390 1DEC76 PAGE NO. 324

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1.	COMPONENT		# \/		*	ONSTRUC	710N 854	.00.44	i²	. DATE			
	NAVY	}	F1	1991 MIL	HART C	ONSTRUC	IION PRO	JUHAM					
).	INSTALLATIO	N AND LO	CATION			4. COMMA	ND		ļ	AREA CO			
	DIRECTOR GARDEN CI			DISTRICT,			COMMANCANT OF THE MARINE CORPS 1.29						
١.	PERSONNEL		PERMANEN	т		STUDENTS			SUPPORTE	.D	T		
_	STRENGTH . AS DF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL		
	09/30/88 END FY	51	449	42	2	0	0	3	12		55		
_	1994	51	449	42	2	0	0	3	12	0	55		
				7.	INVENTO	RY DATA ((000						
D 0 0 0 0 0	I. TOTAL ACRI DE INVENTORY AUTHORIZA L. AUTHORIZA L. AUTHORIZA L. PLANNED II L. REMAINING D. GRAND TOT L. PROJECTS R	TOTAL A: TION NOT TION REOI TION INC: N NEXT TI DEFICIES	YET IN II JESTED IN LUDED IN H HREE PROG NCY.	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM				950 620 440 0 0 2,010				
	ATEGORY								OST		STATUS		
_	872.10 PH	VETCAL SI	PROJECT ECURITY II				SCOPE LS		440	START 09/88	COMPLET 06/89		
	B. MAJOR I NONE	PLANNED !	NEXT THRE	E YEARS:									
	Marie	ides fac ne Corps selected	necruiti Marine C	ng in New orps Rese	York an	orps distr a New Eng ES: (\$0	land, and						
	A: POLLU	TION ABA	TEMENT		TOTENCE	E3. (3X	,						
			SAFETY ANI		(OSH):		ō						

DD FORM 1390 IDEC76

1.	COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
3.	INSTALLATIO	N AND LO	CATION	-		4. COMMA	ND			5. AREA C	
	MARINE COL						ANDANT OF NE CORPS	COST INDEX			
	PERSONNEL		PERMANEN			STUDENTS			SUPPORT	DESIGN STATUS START COMPLETE DOC 03/88 06/90 DESIGN STATUS START COMPLETE DOC 03/88 06/90 100 02/87 01/88 580 12/88 06/90 BOC 03/88 06/90 BOC 03/88 06/90 BOC 03/88 06/90	
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	D CIVILIAN	
	AS OF 09/30/86	249	2531	2821	48	3311	0	2215	28929	1724	41828
ь.	END FY 1994	497	3099	2496	197	3794	0	1934	28135	1552	41704
$\overline{}$		<u> </u>		7.	INVENTO	RY DATA	5000)		<u> </u>		
bodef g.h.	TOTAL ACRE INVENTORY AUTHORIZA: AUTHORIZA: AUTHORIZA: PLANNED IN REMAINING GRAND TOT PROJECTS R	TOTAL ASTION NOT FION REQUIRED INC. INC. INC. INC. INC. INC. INC. INC.	YET IN II UESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM			1	60,820 19,750 41,580 51,900 48,110 61,490 83,650		
1 2 2	14.53 FIE	ELD MAIN'	PROJECT TRG BDG-II TENANCE CI MAINT SHOI NLISTED QI	NCR III DMPLEX PS			\$COPE 34,010 210,300 26,010 192,850	SF SF SF	3,000 20,900 4,100 13,580 41,580	START 03/88 12/88 02/87	08/89 06/90 01/88
1 1 2 2	71.20 APR 14.51 CON 17.10 ELE	ED IN FOR HICLE-REA PLIED INS	ADY FUEL ! STRUCTION MAINT SHO MAINT SHO	STORAGE BLDG DP			154,000 34,730 14,820 4,760 LS	SF SF	1,80C 4,20C 3,90C 2,00C 40,00C 51,90C		
10.	adm i r	ide hous histrati	ing, trai	ning fact t for Fle	et Marin	logistics e force u for othe	nits and	other ur	11 15		
11.	A: POLLUT B: INSTAL C: OCCUPA	LATION	TEMENT	ON		ES: (\$0 18,6 27,0 2,0	00 20				
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DD FORM 1390 1DEC76

1. COMPONENT	FY 19	91 A	HILIT	AR'	Y CC)NS	TI	? U	CT	101	N PRO	JJE	CT DAT	TΑ	2. 0.	ATE
YVAN															L	
3. INSTALLATION AN		Y ON							14	I, PR	OJECT	TIT	LE			
MARINE CORPS I	BASE,								Ţ			_				
CAMP LEJEUNE,													ENLIS			
5. PROGRAM ELEME	NT	6. CAT∈	JORY	COD	E	7.	PR	OJE	CT	NU	MBER		B. PROJE	CT CC)ST (1	(000
0206496M 721.11 P-63							-630 13,580									
0206496M 721,11 P-6								_				1 13	, 380			
					9. CC	<u> </u>	281	WI/	M							
		ITE	М								U/ki	au.	ANTITY	CO		CUST (\$000)
BACHELOR ENLI	STED C	UARTE	RS .	•	• •	$\overline{\cdot}$	•		, ,		SF	19	2,850	-		10,370
BUILDING .							•			•	SF	1.1	3,040	61.	00	(6,900
BUILDING CO	NVERSI	ON									SF	7	9,810	43.	00	(3,470
SUPPORTING FA	CILITI	ES									! -		-		i	1,890
SPECIAL CON	STRUCT	ION F	EATU	RES						•	LS		-	-		(200
ELECTRICAL	UTILII	TES .								•	LS	1	-	-		(260
MECHANICAL	UTILIT	IES .					•				LS	l	-	-		(320
PAVING AND	SITE I	MPRO\	JEMEN	T.		•	•	•	•	•	LS	1	-	-		(800
DEMOLITION				•				•			LS		-	-		(310
SUBTOTAL							•				-	1	-	-		12,260
CONTINGENCY (5%) .								•) -	Ì	-) -		610
TOTAL CONTRAC	T COST	r					•	•			-	1	-	-		12,870
SUPERVISION,	INSPEC	TION	& OV	ERH	EAD	(5	. 5	8)	•		! -	1	-	-		710
TOTAL REQUEST						•				•	-	1	-	-		13,580
EQUIPMENT PRO	VIDED	FROM	OTHE	RA	PPR	OPI	XIA	TI	ON	S	-		- (NC	N-AL	D)	(
FOOTEMPHT NO	A T 05D	FROM	Oine	:A P	e e u	of I	3 4 (1		J. 7				(100		,	,
OFFCENETION OF											1			<u> </u>		<u> </u>

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two three-story reinforced concrete frame buildings, pile foundations, concrete floors, masonry walls with brick facing, built-up roof on rigid insulation, fire protection systems, air conditioning, utilities; recreation field; 144 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment; conversion of three buildings; demolition of seven buildings.

Grade Mix: 480 E1-E4, 28 E5, 10 E6-E9. Total: 518.

11. REQUIREMENT: 24,698 PN. ADEQUATE: 15,571 PN. SUBSTANDARD: 8,022 PN. PROJECT: Provides adequate billeting for enlisted personnel. (Current mission.)

REQUIREMENT: Adequate housing for unaccompanied enlisted personnel of the

2nd Marine Division and the 8th Marine Regiment.

CURRENT SITUATION: Existing billeting is comprised of inadequate, 45-year old open squad-bay barracks with communal heads and showers. A replacement program began in 1978. This is the last increment of the planned replacement sequence for barracks which do not meet DOD habitability requirements.

IMPACT IF NOT PROVIDED: Enlisted Marines will continue to live in insdequate barracks with a resulting detrimental impact on morale and the Marine Corps' ability to retain trained Marines in an all volunteer service.

(Continued on DD 1391c)

DD, FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONEN	"	FY 19 ⁹¹ M	ILITARY CONSTRUCTION PROJECT D	ATA
NAVY	TION A	D LOCATION		
3. INSTALLA		ID LOCATION		
		ASE, CAMP L	EJEUNE, NORTH CAROLINA	
4. PROJECT T	ITLE			5. PROJECT NUMBER
BACHELOR	BNLI	STED QUARTER	s	P-630
				_
12. SUPI	PLEME	TAL DATA:		
a.	Esti	mated design	status: (Project design conform	s to Part II of
Military			Facility Planning and Design Guid	
	(1)	Status:		
	(2)		esign Started	12-88
			t Complete as of January 1990	<u>75</u>
			esign 35% Complete	
		(d) Date D	esign Complete	6-90
	(2)	Pasis:		
				Yes No X
		(b) Where	Design Was Most Recently Used:	N/A
	(3)		(c) = (a) + (b) or (d) + (e):	(<u>\$000</u>)
			tion of Plans and Specifications.	
			her Design Costs	
			ict	
			Se	
	(4)	Construction	on start	1-91
				(month and year)
ь.	Equ i	ment associ	ated with this project which will	be provided
		propriations		-
	•			
				•
				,

1. COMPONENT NAVY	FY 1	9 <u>91</u> MILITARY	COI	NST	RU	CTI	ON PR	DJECT DA	TA 2.	DATE	
MARINE CORPS BASE, CAMP LEJEUNE, NORTH CAROLINA							A. PROJECT TITLE ELECTRONICS COMMUNICATIONS MAINTENANCE SHOPS				
S. PROGRAM ELEMI	NT	6. CATEGORY CODE	RY CODE T. PROJECT NE					S. PROJECT COST (\$000)			
0206496M		217.10				-679			1,100		
		9.	COS	T ES	TIM/	TES					
		TEM					U/M	QUANTITY	COST	COST (\$000)	
BUILDING . BUILT-IN ECTOCHNICAL CONTINGENCY CONTINGENCY CONTINGENCY CONTINGENCY COTAL CONTINGENCY COTAL CONTINGENCY COTAL CONTINGENCY COTAL CONTINGENCY COTAL CONTINGENCY COTAL CONTINGENCY COTAL REQUEST	UUIPMEN PERAT CILIT UUTILI SITE 5%) T COST INSPEC	THE STATE OF THE S	AD	(5.5	5%)		SF LS LS LS LS	26,010 26,010 - - - - - - - - - - - - - - - - - -	78.0	(300) (80) 1,310 (420) (650) (240) 3,710 180 3,890 210 4,100	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One one-story and one partial two-story steel reinforced masonry buildings, concrete foundations and floors, built-up roof over rigid insulation on steel decking, roll-up doors, bridge crane and monorail hoists in high-bay area, compressed air, 400 Hz electric power, grounding, radio-frequency shielding, exhaust systems, wash aprons, security fencing, perimeter lighting; access road; fire protection system, air conditioning, utilities. 11. REQUIREMENT: 33,840 SF. ADEQUATE: 7,830 SF. SUBSTANDARD: 0 SF. PROJECT: Provides two electronics and communications maintenance facilities. (Current mission.) REQUIREMENT: Adequate electronics and communications maintenance facilities to support third and fourth echelon maintenance for the Second Maintenance Battalion and first and second echelon maintenance for the Landing Support Battalion. The maintenance battalion performs major maintenance on 1,500 pieces of equipment including mounted radios, cryptographic equipment, and micro-miniature printed circuit boards. In addition, they are responsible for the calibration of all organic electronic and communication gear. Approximately 175 marines are assigned to this unit. The Landing Support Battalion performs first and second echelon maintenance on a variety of equipment including vehicle mounted frequency converters, mine detectors, and related hardware. There are 69 marines assigned to this unit.

CURRENT SITUATION: The maintenance battalion is currently working in a building which was constructed for a motor transportation battalion (Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNA .LY

2. DATE 1. COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA MAUV 3. INSTALLATION AND LOCATION MARINE CORPS BASE, CAME LESSUINE. NORTH CAROLINA E PROJECT NUMBER 4. PROJECT TITLE ELECTRONICS COMMUNICATIONS MAINTENANCE SHOPS P-679 11. REQUIREMENT: (Continued)

CURRENT SITUATION: (Continued)

in the 1950's. It is not designed or adaptable for optimum electronic communications maintenance operations. The building is inadequate from a health and safety, as well as a santitation standpoint. High ceilings prevent the facility from maintaining the desired 68 degree temperature necessary for electronic testing and calibration. Additionally, there is a deficiency of electrical outlets and a lack of adequate storage space. The present facility is located in the Hadnot Point area, over two miles away from the main operational area of French Creek. The Landing Support Battalion is also working out of several masonry and metal buildings constructed in the 1950's which are not conducive to performing electronics and communications maintenance. There is no humidity control for electronic testing and there is a lack of adequate storage for the over 100 types of electron.c and communication items being maintained. The building also lacks proper ceiling, door height and bay size, electrical service, lighting, and work areas. IMPACT IF NOT PROVIDED: Maintenance work will continue to be performed in scattered inadequate buildings, causing protracted maintenance efforts with a resulting increase in deadlined equipment. The combat readiness

12. SUPPLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")
 - (1) Status:

posture will be adversely affected.

(a)	Date Design Started	2-87
	Percent Complete as of January 1990	
(c)	Date Design 35% Complete	7-87
	Date Design Complete	

	(4)		
(2)	Basis:		
	(a) Standard or Definitive Design:	Yes	No_X
	(b) Where Design Was Most Recently Used:	N/A	
(3)	Total cost (c) = (a) + (b) or (d) + (e):		(\$000)
	(a) Production of Plans and Specifications	(220)
	(b) All Other Design Costs		
	(c) Total	• • • • • • •	330
	(d) Contract	()	280)
	(e) In-house	(50)
(4)	Construction start	12-	90

b. Equipment associated with this project which will be provided from other appropriations: None.

DD , FORM 1391c S/H 0102-LF-001 3015

(month and year)

1. COMPONENT NAVY	EV 19 91 MILITARY CONSTRUCTION PROJECT DATA								DATE	
3. INSTALLATION AND MARINE CORPS BA		TION				4. PI	OJECT	TITLE		
CAMP LEJEUNE, NORTH CAROLINA							IELD	MAINTENA	NCE CON	IPLEX
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJE						" NU	MBER	8. PROJ	ECT COST	(\$000)
0206496M		214.53	_	P	~804	I		2	0,900	
			9. CO	T E8	IMA.	res				
		ITEM			_		U/M	QUANTITY	UNIT	COST (\$000)
FIELD MAINTENAN	CE C	OMPLEX	• • •		• •	•	SF	210,300	-	16,660
BUILDING				• •	• •	•	SF	210,300	69.00	(14,630)
Built-in Equi						•	LS	-	-	(1,970)
TECHNICAL OPE						•	LS	-	-	(60)
SUPPORTING FACI					• •	•	-	-	-	2,210
SPECIAL CONST			s	• •	• 1	•	LS	-	-	(120)
ELECTRICAL UT			• • •		• •	•	LS	-	-	(140)
MECHANICAL UT				• •	• •	•	LS	-	-	(240)
PAVING AND SI		MPROVEMENT.	• • •	• •	• •	•	LS	-	-	(1,710)
SUBTOTAL	•		• • •	• •	• •	•	-	-	-	18,870
CONTINGENCY (5%	•		• • •	•	• •	•	-	-	-	940
TOTAL CONTRACT			• • •	•	•	•	-	-	-	19,810
SUPERVISION, IN						•	-	_	-	1,090
TOTAL REQUEST.						•	-	-	-	20,900
EQUIPMENT PROVI	מם.	FROM OTHER	APPROI	PRIA	TIO	IS	-	- (NO	N-ADD)	(0)
10 DESCRIPTION OF ST					_					

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story reinforced concrete and masonry building, pile foundation, engineered fill, concrete floors, membrane roof over insulation, high-bay area with monorails and hoists, bridge crane, dehumidification, compressed dry air system, engine exhaust system, 400 Hz electric power, vehicle lifts, 28V DC electric power, security lighting and fencing, lubrication dispensing, hardened weapons repair area, storage area, fire protection system, air conditioning, ventilation, intrusion detection system, paint booth, utilities.

11. REQUIREMENT: 210,300 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constitutes a field maintenance shop complex for maintaining and repairing all east coast Fleet Marine Force ground equipment. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities for the 2d Maintenance Battalion to perform its mission of field maintenance on all East Coast Marine ground equipment including wheeled and tracked vehicles (tanks, light armored vehicles, trucks, etc.), ordnance (small arms, artillery and tank weaponry), heavy construction and materials handling equipment (bulldozers, cranes, etc.), and communications and electronics equipment. The 2d Maintenance Battalion provides field maintenance support for the 2d Marine Division and 2d Force Service Support Group located at Camp Lejeune, NC and the 2d Marine Air Wing elements located at Cherry Point, NC; New River, NC; and Beaufort, SC.

(Continued on DD 1391c)

1. COMPONENT			2. DATE								
NAVY		1991 MILITARY CONSTRUCTION PROJECT DATA									
3. INSTALLATI	ON AND LOC	ATION .									
	·	CAMP LEJEUNE, NORTH CAROLINA									
4. PROJECT TIT	TLE	5. PROJE	CT NUMBER								
FIELD MAIN	NTENANCE		P-804								
11. REQUI	REMENT:	(Continued)									
CURRENT SITUATION: The 2d Maintenance Battalion presentary performs field											
maintenance in four converted warehouses, a 45-year old maintenance depot,											
		building. These facilities are scattered thro									
		Camp Lejeune. Artillery and ordnance mainten									
		several areas within the indicated facilities ically too small to allow new items of equipme									
		intenance to be carried on indoors. Staging a									
		paired are also scattered thre hout the indus									
		ocation of, and makeshift substitute work space									
		coordinated work efforts severely hampering the	mission								
of this ba											
		IDED: Maintenance activities will remain impa									
	-	acilities cannot accommodate state-of-the-art of size, density and increased complexity.	items or								
12. SUPPI	LEMENTAL	DATA:									
. a. F	Recimated	design status: (Project design conforms to P	Part II of								
		1190, "Facility Planning and Design Guide.")	4								
	(l) Stat	us:									
•	(1) (a)	Late Design Started	. 12-88								
	(b)	Percent Complete as of January 1990									
	(c)	Date Design 35% Complete									
	(d)	Date Design Complete	· <u>6-90</u>								
	(2) Basi	· S:									
	(a)	Standard or Definitive Design: Yes	No_X								
	(b)	Where Design Was Most Recently Used:	1/A								
	(3) Tota	1 cost (c) = (a) + (b) or (d) + (e):	(\$000)								
	(a)		.(_800)								
	(b)										
	(c)	Total									
	(d)	Contract									
	(e)	In-house	(100)								
•	(4) Cons		11-90								
		(month	and year)								
b. 1	Equipment	associated with this project which will be pr	covided								
	•	iations: None.									

DD 1 DEC 74 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAL STED

1. COMPONENT	FY 1	1991 MILITARY CO	NSTRUC	TIO	N PRO	DJECT DA	7A 2. C	ATE
NAVY							···	
3. INSTALLATION	3. INSTALLATION AND LOCATION 4. P							
MARINE CORPS	BASE,			М	echan	ICS TRAIN	NING BU	ILDING
CAMP LEJEUNE						MENT III)		
S. PROGRAM ELEM	ENT	S. GATEGORY CODE	7. PROJEC	TNU	MBER	a. PROJE	CT COST	\$000)
0206496M		171,20	B_6	110		١,	.000	
0200496M			T ESTIMAT				,000	
					_			
		ITEM			U/M	QUANTITY	COST	COST (\$000)
MECHANICS TRA	AINING	BUILDING		•	SF	34,010	-	2,450
BUILDING.					SF	34,010	66.00	(2,250)
BUILT-IN BO	QUI PME	NT		•	LS	-	-	(300)
SUPPORTING FA	CILIT	IES			-	-	-	250
SPECIAL CON	NSTRUC'	TION FEATURES		•	LS	-	-	(50)
UTILITIES.				•	LS	-	-	(50)
PAVING AND	SITE	IMPROVEMENT			LS	-	-	(_150)
SUBTOTAL					-	_	-	2,700
CONTINGENCY	(5%) .]-	-	-	140
TOTAL CONTRAC	T COS	r			1 1	_	_	2,840
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).]	-	-	160
TOTAL REQUEST	r				i_	-	-	3.000
		FROM OTHER APPRO	PRIATION	15	-	- (NO	-ADD)	(0)
] -								1
		•			1 1			1
							1	!
					l l		1	l

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete and masonry building, pile foundation, concrete floor, built-up roof on insulation over metal decking, high-bay area with monorail and hoist, sound attenuation, compressed air, exhaust systems, lift-lube dispensing equipment, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 108,670 SF. ADEQUATE: 74,660 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs the third of three increments for applied and academic instruction facilities for the Marine Corps Mechanics School. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities for training military personnel in second, third, and fourth echelon maintenance of Marine Corps motor transport equipment. Both academic and applied instruction will be accomplished in this facility. This is the only formal mechanics school in the Marine Corps, employing 64 full-time instructors and training over 1,580 students annually. It is anticipated the workload will increase as the Field Logistic System is introduced into the Marine Corps. This system is comprised of several sub-systems such as motor transportation, material handling, container and shelter logistics. The Mechanics Training School utilizes the motor transportation sub-system. This project is designed to accommodate the training procedures of the various new motor transport systems developed in recent years, such as the

(Continued on DD 1391c)

NAVY	FY 19_91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION A	IND LOCATION	
	BASE, CAMP LEJEUNE, NORTH CAROLINA	
4. PROJECT TITLE		S. PROJECT NUMBER
MECHANICS TR	AINING BUILDING (INCREMENT III)	P-810
REQUIREMENT: Dragon Wagon in the repai CURRENT SITU converted 40 variety of e least one mi dispersed fo and plumbing in the class are quite un the existing for this pur IMPACT IF NO crowded, ine effectivenes facilities w	T PROVIDED: Continue training Marine Corps perficient, and inadequate facilities impairing as and readiness of the Marine Corps. The inavill continue to be aggravated with the introduced to th	wheeled vehicles. l is located in racks, and a re located at , and too hout utilities over 100 degrees , these buildings warely fit inside which can be used personnel in the idequacy of school
-	mulpment into the Marine Corps inventory.	
a. Est Military Han	(c) Date Design Complete	3-88 100 10-88
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X
. (3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>80</u>) (<u>240</u> (<u>200</u>)
(4)		(month and year)
	upment associated with this project which wilappropriations: None.	l be provided

DD 1 DEC 76 13916

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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PAGE NO.

434

INSTALLATIO	N AND LO	CATION			4. COMMA	ND		!	COST	
MARINE CO CHERRY PO			IA			ANDANT DF NE CORPS	THE		. 96	
PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORT	D	TOTAL
AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
09/30/88 b. END FY	208	1039	4777	110	305	0	911	7728	1876	16954
1994	226	1051	5019	107	292	٥	966	7686	1603	16950
·			7.	INVENTO	RY DATA	B000)				
m. TOTAL ACR b. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO	TOTAL ASTION NOT TION REQUIRED INC. TION INC. N. NEXT THE DEFICIENTAL	YET IN IN JESTED IN LUDED IN F HREE PROGR	IVENTORY. THIS PROPOSED IN YEARS	GRAM . PROGRAM			10 2!	23,080 00,350 10,400 7,600 23,840 54,530 19,800		
CATEGORY								051		STATUS
610.71 RE	GIMENTAL	PROJECT GRANGE-IN GROUP HEA TMENT FACT	ICR III		 -	SCOPE LS 13.190 5 LS	5F	1,050 1,750 7,600	10/88 01/87 11/88	09/89 09/89 09/89 01/90
#41.12 AV 610.71 DP B. MAJOR 131.15 CD	INT HANGA IATION SU ERS/MAINT TOTAL PLANNED P MMURICAT	AR RENMOVA JPPLY WAR! T FACILITY NEXT THREE	TION HOUSE YEARS:			35, 150 5 14,800 5 18,600 5	SF SF	4.250 1.150 2.200 7.600 560 4.650		
qaus ethe	tain and ort the or r activit s in coor NG POLLUTION ABAT	operate to perations ties and or redination TION AND STEELERS	acilitie of a Ma units as with the	rine Air designat Chief o	craft Win ed by the f Naval D ES: (\$0	vices and g, or un; Commandar perations	ts there	of, and		
C: OCCUP				(OSH) :	33,6 3	00				
D FORM 1390	_ 			"	 				PAGE NO	<u>. 3</u>

DD FORM 1390 1DEC76

1. COMPONENT	TA 2.	DATE						
3. INSTALLATION	AND LOC	ATION		4. PRO.	JECT	TITLE		
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA AIRCRAFT BOMBING						NC DAN	7p	
S. PROGRAM ELEM		6. CATEGORY CODE						
0206496M		179.10	P-03		1,050			·
		9. CO	T ESTIMA	TES				
		ITEM			J/M	QUANTITY	COST	(\$000)
AIRCRAFT BOMBING RANGE					LS	-	-	950
SUBTOTAL				· [·	-	-	-	950
CONTINGENCY				• -	-	-	-	50
TOTAL CONTRA			• • • •	•	- (-	-	1,000
		CTION & OVERHEAD	(5.5%).	· [:	-	-	-	50
TOTAL REQUES			• • • •		-		-	1,050
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	-(NO	N-ADD)	(13,600)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Site preparation including filled and graded areas with thirty-foot high tower platforms on which to mount emitter pedestal and control assemblies; access roads, security fencing, electric power.

11. REQUIREMENT: As Required.

PROJECT: Provides site preparation and utilities for the installation of 20 electronic warfare emitters on the Mid-Atlantic Electronic Warfare Range, located on the northern end of Piney Island, including tower platforms, an access road network interfacing with existing roads and abandoned runways, and a secondary power distribution systems to the sites. (Current mission.)

REQUIREMENT: Expansion of the bombing range and the placement of 44 electronic warfare threat simulators in configuration to simulate the threat which may be encountered during an operation. Eleven major locations will be developed to install the emitters. The first project funded in the FY 1989 MILCON Program prepared the site and provided the ten-foot high platforms on which the simulator equipment will be placed for the first ten locations. The second project in FY 1990 will complete the eleventh major location for the installation of the emitters. This project continues the range upgrade by constructing the remaining towers, installing emitters, improving utilities, and providing access to the major sites. Additional emitters will by procured through FY 1994 using

(Continued on DD 1391c)

DD, FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

PAGE NO.

5/N 0102 LF-001-3910

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT DAT	2. DATE
NAVY	TA	
3. INSTALLATION	AND LOCATION .	
MARINE CORPS	AIR STATION, CHERRY POINT, NORTH CAROLINA	
4. PROJECT TITLE	5. (PROJECT NUMBER
AIRCRAFT BON	IBING RANGE	F-031
non-MILCON if for the Mid-	MENT: (Continued) Funding. The bombing range presently serves as to Atlantic Coast in support of Navy, Air Force, and Ssions. Nearby Atlantic Field provides a deploym	d Marine Corps

helicopters and attack aircraft to conduct acquisition and ground control radar exercises. This versatile range is equipped to facilitate bombing and strafing missions on both land and sea-based simulated targets. Depending on the scenario to be presented to incoming aircraft, different emitters will be activated for various threat simulations. Because of the limitations presented by radiation hazard clearances, the individual sites must be spaced to allow for personnel safety. With the demand for power from each emitter, the use of generators is considered impractical. In order to provide the amount and quality of power required to operate the emitters, it is necessary to provide commercial power to the sites. The transmission of real-time data to the debriefing facility is necessary for the effective training of aircrews in realistic conditions.

CURRENT SITUATION: Existing facilities are not adequate to support the emitters. At present, the range is configured as a traditional bombing range using bullseye targets and simulated stationary targets. The use of remote-controlled mobile land and boat targets provides little realistic training. No electronic warfare emitters presently exist. Naval engagements in the Mediterranen Sea and the Persian Gulf have proven the value of training in a simulated electronic warfare environment. IMPACT IF NOT PROVIDED: The emitters scheduled for placement at this range will not have a source of commercial power and will, therefore, be unusable.

12. SUPPLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part I of Military Handbook 1190, "Facility Planning and Design Guide.")
 - (1) Status:
 - (b) Percent Complete as of January 1990..... 100 (c) Date Design 35% Complete..... 3-89
 - (d) Date Design Complete.....
 - (2) Basis:
 - (a) Standard or Definitive Design: Yes N/A

(b) Where Design Was Most Recently Used:

(Continued on DD 1391c)

DD , 500M 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	91			2. DATE						
NAVY	FY 19	MILITARY CONSTRUC	TION PROJECT D	ATA						
3. INSTALLATION AND LOCATION										
MARINE CORPS AIR STATION, CHERRY POINT, NORTH CAROLINA										
4. PROJECT TITLE				S. PROJECT NUMBER						
AIRCRAFT BOM	BING RANGE			P-031						
12. SUPPLEMENTAL DATA: (Continued)										
(3) Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications. (60) (b) All Other Design Costs. (70) (c) Total. 133 (d) Contract. (100) (e) In-house. (30)										
(4)	Constructi	on start		1-91 month and year)						
b. Equi from other ap		iated with this pross:	oject which will	be provided						
			Fiscal Year							
Equipment Nomenclature		Procuring Appropriation	Appropriated or Requested							
Radar Threat	Emitters	OPN	1991 - 1994	13,600						

1. COMPONENT FY 19.91 MILITARY CONSTRUCTION PROJECT DATA									ATE	
3. INSTALLATION AND LOCATION 4. PROJECT TITL								TITLE		
MARINE CORPS	AIR S	TATION.				f				
CHERRY POINT		•				l p	EGIM	ENTAL GRO	UP HEAD	MARTERS
5. PROGRAM ELEMENT & CATEGORY CODE 7. PROJE					-				ECT COST (
			1					1		•
0206496M		610.71	1	P	-88	3		1.	750	
		9. Ct	DET	251	IMA	TES				_
			_				T		UNIT	COST
		ITEM					U/M	QUANTITY	COST	(\$000)
REGIMENTAL G	ROUP H	EADQUARTERS	$\overline{}$	•		•	SF	13,190	-	1,260
OPERATIONS BUILDING.							SF	11.630	86.00	(1.000)
SUPPORT BU	ILDING						SF	1,560	166.00	(260)
SUPPORTING F	CILIT	IES					-	-	_	320
SPECIAL CO	STRUC	TION FEATURES					LS	_	_	(50)
ELECTRICAL	UTILI	TIES					LS	-	_	(50)
MECHANICAL	UTILI	TIES					LS	l -	-	(170)
PAVING AND	SITE	IMPROVEMENT		٠			LS	_	-	(50)
SUBTOTAL				_			_	i -	- '	1,580
CONTINGENCY	(5%) .		٠			•	-	-	-	80
TOTAL CONTRAC	CT COS	T					-	-	i - '	1,660
SUPERVISION,	INSPE	CTION & OVERHEAD	- (5.5	8) .		-	-	-	90
TOTAL REQUEST	г		•				-	1 -	-	1,750
EQUIPMENT PRO	OVIDED	FROM OTHER APPR	OP:	RIA	TIC	NS	-	- (NO	N-ADD)	(0)
-							Ì			
							1	ì		1
							1	1	ł	}

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two one-story reinforced concrete and masonry buildings, pile foundations, concrete floors, built-up roof over insulation on metal decking, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 38,230 SF. ADEQUATE: 25,040 SF. SUBSTANDARD: 0 SF. PROJECT: Provides operations and training facilities for Marine Wing Support Group 27 (MWSG 27) and Headquarters and Headquarters Squadron 27 (H&HS 27). (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities to house operational support functions for the 2nd Marine Air Wing. MWSG 27 is responsible for operational planning and coordination, logistics oversight and provisioning, personnel management, and all functions attendant to the command and control of an aviation ground support organization and five subordinate squadrons. HaHS 27 provides administrative, selected maintenance and supply support for assigned units of MWSG 27. CURRENT SITUATION: MWSG 27 and HaHS 27 are presently housed in leased trailers lacking toilet facilities, adequate operations and training space, and cannot accommodate electrical and telephone system development which would enhance command and control.

IMPACT IF NOT PROVIDED: Continued utilization of trailers precludes the afficient functioning of the largest group in the 2nd Marine Aircraft Wing.

(Continued on DD 13912)

DD : 500 1391 E/N 6162 LF 661 3610

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPO	VENT	91	2 DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DA	TA
3. INSTAL	LATION	AND LOCATION	
L		AIR STATION, CHERRY POINT, NORTH CAROLINA	
4. PROJEC	TTITLE	5.	PROJECT NUMBER
REGIME	NTAL G	ROUP HEADQUARTERS	P-883
12. S	UPPLEM	ENTAL DATA:	
	. Est	imated design status: (Project design conforms	to Part II of
Milita	ry Han	dbook 1190, "Facility Planning and Design Guide	•*)
	(1)	Status:	
		(a) Date Design Started	
		(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	3-89
		(d) Date Design Complete	9-89
	(2)	Basis:	
			esNo_X_
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a) Production of Plans and Specifications	
		(b) All Other Design Costs(c) Total	
		(d) Contract	
		(e) In-house	(
	(4)	Construction start	191
			onth and year)
ь	. Equ	ipment associated with this project which will	be provided
from o	ther a	ppropriations: None.	
ļ I			

DD 1 DEC 74 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT												DATE
NAVY	FY 1	9 <u>91</u> MII	LITAR	Y CO	NST	rRU	C	TIO	N PRO	DJECT DAT	ГА [
3. INSTALLATION	ND LOC	ATION					7	4. PF	OJECT	TITLE		
MARINE CORPS	ATR S	TATION.					-1					
CHERRY POINT				•			1	Ŀ	ATER	TREATMEN	T PAC	T I. የጥሃ
S. PROGRAM ELEM		S. CATEGO		E	7. P	HOJ	ECT		MBER	S. PROJE		
					1					j		
0206496M		84	1.10		i	P-(1	7		1	7,600	
				s. co	ST E	TIM	AT	ES				
		ITEM							U/M	QUANTITY	UNIT	COST (8000)
WATER TREATM	ENT FA	CILITY		• •	-	•	•	•	LS	-	-	3,340
BUILDING .									SF	16,220	72.0	0 (1,150)
BUILT-IN E	QUIPME	NT .							LS	-	-	(2,030)
TECHNICAL	OPERAT	ING MAN	UALS.						LS	_	-	(150)
SUPPORTING F	ACILIT	IES							-	_	-	3,520
ELECTRICAL	UTILI	TIES .							LS	-	-	(160)
MECHANICAL	UTILI	TIES .							LS	-	-	(2,280)
PAVING AND	SITE	IMPROVE	MENT.				•		LS	-	-	(570)
DEMOLITION	١								LS	-	-	(510)
SUBTOTAL									-] -) -	6,860
CONTINGENCY	(5%) .								-	-	i -	340
TOTAL CONTRA	CT COS	т					•	•	-	-	-	7,200
SUPERVISION,	inspe	CTION &	OVER	IEAD	(5.	. 58)	٠	•	-	-	-	400
TOTAL REQUES	т						•	•	-	-	-	7,600
EQUIPMENT PR	OVIDE	FROM O	THER A	APPR	OPRI	AT:	O	NS	-	- (NC	N-ADD) (0)
TO OFFICE PAION	SEEENS!	ያድስ <u>ሶ</u> ስህድ	781676	N.								

Two-story reinforced concrete and masonry building, pile foundation, concrete floor, membrane roof on insulation over metal decking, high-bay area with cranes and hoists, ventilation, air conditioning, fire protection systems, emergency electric power generators, utilities; treatment tanks, clearwell, water supply wells, storage; demolition of one building.

11. REQUIREMENT: As Required.

PROJECT: Constructs a water treatment facility to accommodate increased demand and provide more effective operation. (Current mission.)

REQUIREMENT: An adequate water treatment plant producing sufficient quantities of potable water for domestic and industrial use without interruption.

CURRENT SITUATION: The capacity of the existing water treatment plant is 4.5 million gallons per day. Current average demand is at capacity and peak demand exceeds capacity at certain times. The maximum filtration rate allowed by law is currently being exceeded on a daily basis by many of the filters.

IMPACT IF NOT PROVIDED: The expected increased loading with additional station facilities cannot be accommodated. Frequent interruptions of water service will become commonplace.

(Continued on DD 1391c)

DD : DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NÓ

5.4

1. COMPONENT	0.	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATIO	N AND LOCATION	
MARINE CORP	S AIR STATION, CHERRY POINT, NORTH CAROLINA	
4. PROJECT TITL	l .	S. PROJECT NUMBER
WATER TREAT	MENT FACILITY	P-017
12. SUPPLE	MENTAL DATA:	
	stimated design status: (Project design conform andbook 1190, "Facility Planning and Design Guid	
(1	.) Status:	
	(a) Date Design Started	
	(b) Percent Complete as of January 1990	100
	(c) Date Design 35% Complete	
	•	
(2		Van Na V
	(b) Where Design Was Most Recently Used:	YesNo_X
(3) Total cost (c) = (a) + (b) or (d) + (e):	(<u>\$000</u>)
	(a) Production of Plans and Specifications.	
	(b) All Other Design Costs	700
	(d) Contract	
	(e) In-house	()
(4) Construction start	1-91
	•	(month and year)
	uipment associated with this project which will appropriations: None.	be provided
	•	
	•	
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. INSTALLATIO										
		CATION		-	CDMMA			:5	. AREA CO	
NAVAL STA PHILADELP		SYLVANIA				ANDER IN			1.08	
. PERSONNEL STRENGTH		PERMANEN'	r		STUDENTS	·		SUPPORTE	D	TOTAL
A. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN]
09/30/88 b. END FY	310	2613	260	٥	0	0	23	1007	0	421
1994	276	2494	260		0	0	23	982	0	403
			7.	INVENTO	RY DATA (B000)				
A. TOTAL ACR		S OF 30 SI	EP 88	(0)			70.050		
C. AUTHORIZA d. AUTHORIZA	TION NOT	YET IN I	VENTORY.					0		
e. AUTHORIZA								5,100 0		
F. PLANNED I								47 950		
g. REMAINING h. Grand to '								17,850 93,000		
. PROJECTS							-			
							_			
CATEGORY CODE		PROJECT	TITLE			SCOPE	<u>(\$</u>	000-	START	STATUS COMPLET
730.15 BR	IG TOTAL					31,540	SF	5,100 5,100	11/88	01/90
NONE	- CHIAIAED I	MEAT THREE	YEARS.							
NONE										
O. MISSION D Open unit in t faci navy for In a	R MAJOR F stes and s of the he Philad lities su exchange activities ddition,	UNCTIONS maintains operation delphia ar Joh as per es, commis as aboard	facility of forces (rea. All resonne) by starry, clithe Navastion, Ph	of the U personnerthing a ups and o l Base of iladelph	provides: .S. Navy: el and re and mess: family su nly by Na na provid ities.	and all s creations ng. famil pport are val Stati	hore act 1 suppor y servic provide on, Phil	ivities t es, d adelphia.		
O. MISSION D Oper unit in t faci navy for In a spac	R MAJOR Bates and so of the philace lities at exchange activities of the major activities of the major at the	maintains operation operation delphia ar uch as per es, commis as aboard Naval Str inty or mo	s facilit s facilit nea. All rsonnel b ssary, cli the Nava stion, Ph pre tenan	of the U personnerthing a ups and o 1 Base of 1 ladelph ts activ	.5. Navy all and reand measifamily surnly by Naila providities.	and all s creations ng, famil pport are val Stati es facili	hore act 1 suppor y servic provide on, Phil	ivities t es, d adelphia.		
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O. MISSION O Open unit in t faci navy for In a spac 1. QUISTANDI A: POLLUB: INSTA	R MAJOR Fates and soft the Philad littles at exchange activities dution, a for the NG POLLUITION ABAILLATION F	FUNCTIONS maintains operation selphia ar uch as per as, commis as aboard Naval Sta inty or mo	s facilit s facilit n forces (ea. All ssonnel b ssary, clu the Nava stion, Ph ore tenan:	of the U personne erthing and the Base of iladelph ts activ	.5. Navy all and reand measifamily surnly by Naila providities.	and all screations ng, famil pport are pport are val Stati es facili OO) O	hore act 1 suppor y servic provide on, Phil	ivities t es, d adelphia.		
O. MISSION O Open unit in t faci navy for In a spac 1. OUTSTANDI A: POLLU B: INSTA	R MAJOR Fates and soft the Philad littles at exchange activities dution, a for the NG POLLUITION ABAILLATION F	FUNCTIONS maintains operation selphia ar uch as per as, commis as aboard Naval Sta inty or mo	s facilit s facilit n forces (ea. All ssonnel b ssary, clu the Nava stion, Ph ore tenan:	of the U personne erthing and the Base of iladelph ts activ	.5. Navy all and reand measifamily surnly by Naila providities.	and all screations ng, famil pport are pport are val Stati es facili OO) O	hore act 1 suppor y servic provide on, Phil	ivities t es, d adelphia.		
O. MISSION U Oper unit in t faci navy for In a spac 1. QUISTANDI A: POLLU B: INSTA	R MAJOR Fates and soft the Philad littles at exchange activities dution, a for the NG POLLUITION ABAILLATION F	FUNCTIONS maintains operation selphia ar uch as per as, commis as aboard Naval Sta inty or mo	s facilit s facilit n forces (ea. All ssonnel b ssary, clu the Nava stion, Ph ore tenan:	of the U personne erthing and the Base of iladelph ts activ	.5. Navy all and reand measifamily surnly by Naila providities.	and all screations ng, famil pport are pport are val Stati es facili OO) O	hore act 1 suppor y servic provide on, Phil	ivities t es, d adelphia.		
O. MISSION O Open unit in t faci navy for In a spac 1. QUISTANDI A: POLLUB: INSTA	R MAJOR Fates and soft the Philad littles at exchange activities dution, a for the NG POLLUITION ABAILLATION F	FUNCTIONS maintains operation selphia ar uch as per as, commis as aboard Naval Sta inty or mo	s facilit s facilit n forces (ea. All ssonnel b ssary, clu the Nava stion, Ph ore tenan:	of the U personne erthing and the Base of iladelph ts activ	.5. Navy all and reand measifamily surnly by Naila providities.	and all screations ng, famil pport are pport are val Stati es facili OO) O	hore act 1 suppor y servic provide on, Phil	ivities t es, d adelphia.		

DD FORM 1390 1DEC76

	FY 19 <u>91</u> (MILITARY CO	NSTRUC	TION PR	OJECT DA		ATE
NAVY	6647(0)			4. PROJEC			
	LOCATION	•		4. PROJEC	TTITLE		
NAVAL STATION,							
PHILADELPHIA, 1			I	BRIG	1		
5. PROGRAM ELEMEN	T M. CAT	EGORY CODE	7. PROJEC	TNUMBER	u. PROJ	ECT COST (\$00 0)
				_	1 -		
0204796N		730.15	P-52		5	,100	
	· · · · · · · · · · · · · · · · · · ·	9. 00	I ESTANA	1 68		,	·····
	. ITI	IM		U/M	QUANTITY	COLT	COST (\$000)
BRIG				. SF	31,540	-	3,290
BUILDING				. SP	29,000	109.00	(3,160)
SUPPORT BUILD	DINGS			. SF	2,540	51.00	(130)
SUPPORTING FAC:	LITIES.			. -	-	-	1,310
SPECIAL CONST	TRUCTION 1	FEATURES		. Ls	_	-	(360)
ELECTRICAL U	TILITIES .			. LS	-	-	(290)
MECHANICAL U	TILITIES			. Ls	-	-	(120)
PAVING AND S	ITE IMPRO	VEMENT		. LS	-	-	(190)
DEMOLITION A	ND REMOVA	LS		. Ls	-	-	(350)
SUBTOTAL					-	-	4,600
CONTINGENCY (5	a)			. -	-	-	230
TOTAL CONTRACT	COST			. -	-	-	4,830
SUPERVISION, IN	NSPECTION	& OVERHEAD	(5.5%).	. -	_	-	270
TOTAL REQUEST.				. -	-	-	5,100
EQUIPMENT PROV	IDED FROM	OTHER APPRO	PRIATIO	NS -	- (NC	N-ADD)	(0)
10. DESCRIPTION OF	BOBOSED CO	NSTRUCTION					
			,				
One-story rein:							
foundation and							
conditioning,							
rooms, administ							
			•		ctou or ca	o parra	irida,
asbestos remova	ar, conta	MTUGEG 2011	1.600049	•			
11. REQUIREMEN	NT. 31 F	40 SP. ADEQ	UMP.		TECH ATTAIN	D: 0 S	· ·
PROJECT: Prov							
spaces, admini	iues a DU	-herson ntid	Incide	muskapu.	n and dir	ing fac	ilitiae
(Current missi		shaces, fligh	off tat	-UL -=(IO)	, =110 GI		
• •	•	y completed	etudu o	f the N	auv menal	evetam	
recommended the							nic
system would co							
concentrations							
will be return	ing to die	Principles A	Tru seu	stad for	oilitime (or prie	ioners
with sentences							
long-termers w	ith sente	nces over on	e year,	This	project w	11 prov	ride a

DD: 50AM, 1391 S/N @162 LF 861 3016

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

small "waterfront" facility to accommodate prisoners awaiting trial or serving sentences of thirty days or less. The offenders and accused are in the Philadelphia area while in transit, on visiting ships or aircraft, from

ships in overhaul at the shippard or from local naval activities and homeported vessels. The industrial workshop is required to provide

PAGE NO 3.44

(Cortinued on DD 1391c)

1. COMPONENT						
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA					
3. INSTALLATION	AND LOCATION	·				
NAVAL STATI	ON, PHILADELPHIA, PENNSYLVANIA					
4. PROJECT TITL	5. PR	B. PROJECT NUMBE				
	i de la companya de la companya de la companya de la companya de la companya de la companya de la companya de					

meaningful work for the prisoners during their incarceration. This has been a proven method of rehabilitation and qreatly aids the Navy in returning the offender to useful active duty. The maximum number of prisoners expected at any time is estimated to be 60. The military staff will consist of approximately 46 persons and will be required to maintain adequate supervision, counseling and work programs for the enlisted prisoners. CURRENT SITUATION: The brig requirement is presently fulfilled with inadequate conditions. The brig, which was built in 1942, is a three-story structure which is no longer waterproof and has electrical wiring deficiencies. The existing security control center lacks the minimum security features for surveillance of the building interior and outside grounds. The doors have to be unlocked manually in cases of emergency. There is no fire detection and suppression system. The windows are standard, single-pane with non-security glazing and do not meet security requirements. Plumbing fixtures are non-institutional, the steam radiator heating system is antiquated and in many areas not functional. The industrial work area is undersized and the electrical system is deficient. The existing brig is almost three times the size needed which results in a high maintenance and operations expense. Upgrading this facility is not feasible because of the high structural and mechanical rehabilitation costs necessary to bring it up to today's brig standards. The location of the existing brig is not satisfactory because it is remote from the food service galley which must transport food to the brig.

IMPACT IF NOT PROVIDED: The over-sized, expensive to maintain brig will continue to be used. Security standards will not be met. Prisoners and staff will remain in a three-story building which lacks fire protection. Prisoners will be held in cells with doors that must be unlocked manually

during emergencies.

12. SUPPLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")
 - (1) Status:
 - (b) Percent Complete as of January 1990..... 5-89 (C) Date Design 35% Complete.....
 - (d) Date Design Complete.....
 - (2) Basis:
 - (a) Standard or Definitive Design: Yes_
 - (b) Where Design Was Most Recently Used: (Continued on DD 1391c)

DD , 500 % 1391c FR 9102-LF-061-3015

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	91	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
	N, PHILADELPHIA, PENNSYLVANIA	
A. PROJECT TITLE		S. PROJECT NUMBER
BRIG		P-521
12. SUPPLEM	ENTAL DATA: (Continued)	
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>65</u>) (<u>315</u> (<u>265</u>)
(4)	Construction start	12-90 (month and year)
	ipment associated with this project which will ppropriations: None.	. De plovided
·		

DD : 508M 1391c S/N 0105-LF-401-3016

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

PAGENO 32 4

		FY 1	991 MILI	TARY C	ONSTRUC	TION PRO	GRAM	! i	. DATE	
. INSTALLATI					4. COMMA				. AREA CO	
NAVAL AIR Warminste		MENT CENTE YLVANIA	R,			E AND NAVA Tems comma		RE :	1.02	
. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTE	D	TOTAL
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	SMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN] '0'
09/30/88 b. END FY	58	197	2568	0	0	190	5	7		3581
1994	67	217	2700	0	0	220	5	7	556	3772
g. REMAINING h. GRAND TO	TOTAL ASTION NOT TION REQUIRED INC. TO NEXT TO DEFICIE!	YET IN IN UESTED IN LUDED IN F HREE PROGR	P #8 IVENTORY. THIS PROG OLLOWING PAM YEARS	CRAM			-	54,430 1,840 13,700 1,050 5,100 31,030 07,150		
CATEGORY CODE 310.15 A/		PROJECT	TITLE			SCOPE 65,000	(§	087 0001 13,700 13,700	DESIGN START 12/88	STATUS COMPLET 06/90
		LLOWING PR TEM	OGRAM			LS		1,050		
B. MAJOR 311.15 IN		NEXT THREE ATION LAB	YEARS:			LS		5,100		
	center.	FUNCTIONS: is the pri primary tems simul	mcipal No in-house ation: a	research	n and devi	elopment	capabili	ty for		
aire gati cont syst avia airo comm	rol; air! ems, cos' tion phy! orne sys: unicatio! ronmenta	ology; air porne anti t methodol siology. tems for e ns, naviga 1 sensing cal, and p	ogy and logy and logy and logy and logo	ne warfal logistic: lon, the c survei formation magnetic;	re system: ; and ae: center di l'ance ani n process	ructures. s: aircra rospade m evelops a d counter ing and d	materia ft suppo edicine nd integ measures isplay,	ls, fligr nt and rates	11	

1. COMPONENT NAVY	FY 1	19 91 MILITARY CO	NSTRUC	TIO	N PRO	DJECT DAT	TA 2. 0	ATE
3. INSTALLATION A NAVAL AIR DE WARMINSTER,	VELOP	ENT CENTER,				TITLE FT TECHNO	LOGIES	LABORATORY
S. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNU	ABER	a. PROJE	CT COST (800U)
0605896N		310.15	P-16	3] 1	3,700	
		9. CO	SY ESTIMA	TES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
AIRCRAFT TEC SUPPORTING FA ELECTRICAL	ACILI1		• • • •	•	SF	65,000	170.00 -	1,320
MECHANICAL	UTILI	TIES	• • • •	•	LS	-	_	(660) (520)
SUBTOTAL		IMPROVEMENT	• • • •	•	LS	-	-	$(\frac{140}{12,370})$
CONTINGENCY TOTAL CONTRA			• • • •	•	-	-	-	12,990
SUPERVISION, TOTAL REQUES		CTION 4 OVERHEAD	(5.5%).	•	-	-	-	710 13,700
EQUIPMENT PR	OVIDE	FROM OTHER APPRO)PRIATIO	NS	-	- (NC	N-ADD)	(1,940)
						!		!

TO DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story building, scructural frame and curtain wall construction, concrete foundation and floors, built-up roof, laboratories, test facilities, engineering offices, special ventilation and exhaust systems for safety and pollution control, noise isolation and attenuation, hazardous material storage capability, explosion-proof fixtures, fragmentation shielding, blow-out panels in some laboratory and test areas, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 65,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a consolidated and integrated RDTSE laboratory for naval aircraft materials technology. (Current mission.) REQUIREMENT: State-of-the-art laboratory for the development of materials which exhibit protective or damage tolerant characteristics for naval aircraft threats needing a high temperature radar absorbing material (RAM) and a radar absorbing structure (RAS), including hardened materials for countermeasures to high energy lasers and work on high temperature propulsion systems alloys (high-strength aluminum). The center is the lead laboratory in the area of structural organic matrix composites. This material has been used in developing the lightweight stiffness in critical materials for application in the F-18, AV-8B, and V-22 aircraft. The materials research efforts include developing an environmental data base and synthesizing new repair resins for fleet use, as well as structures

(Continued on DD 1391c)

DD, 500m, 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY	FY 19 MILITARY CONSTRUCTION PROJECT D	ATA Z. DATE
. INSTALLATION	AND LOCATION	
	ELOPMENT CENTER, WARMINSTER, PENNSYLVANIA	
. PEOJECT TITLE		5, PROJECT NUMBER
AIRCRAFT TECH	INOLOGIES LABOR\TORY	P-163
repair technicevelopment appractices and the application systems being composite mat must be provided from the provided from the provided from the provided from the conducting so space to according to the conducting so supports the CURRENT SITUATION areas are inacongested and These laborate buildings at did not interested from the conduction of surrounding sintensive als areas impossing intens	iques of composites. Other RDT&E efforts are and validation of full scale components, struct design criteria providing the tachnical base on of composite structures to emerging Navy and developed in classified programs. To assure serial research efforts for classified program ded for this work. The need for modern facilization work in new technology areas coupled mamodate expanding program requirements includicable, safety, explosion, fire, laser light a necessity for the proposed project. ATION: The forty-two existing dispersed laboratequate for emerging technology, where present severely limit Gritical research and developing and engineering spaces, while housed in the Center, were originally allocated when wo fere with other priority research activities, other mission requirements, personnel, sciemputers, and laboratories have expanded and opposes. The existing facility which has become to has made expansion of Materials and Structures.	devoted to tural design necessary for ircraft weapons security for the s, a secure area ities for with lack of ing the presence nd noise hazards tory and test t spaces are ment efforts. wo main RDT&E rkload performed Over the ntific ccupied e people res Laboratory inadequate ty to counteract rts on the tant materials, ized.
(1)	Status: (a) Date Design Started (b) Percent Complete as of January 1990 (c) Date Design 35% Complete	45
	(d) Date Design Complete	<u>6-90</u>
	manta.	
(2)	Basis:	V
	(a) Standard or Definitive Design: (b) Where Design Was Most Recently Used: (Continued)	Yes No X N/4 on DD 1391c)

1. COMPONENT

1. COMPONENT				2. DATE
	FY 19 91 MIL	ITARY CONSTRUC	CTION PROJECT D	ATA
NAVY				
3. INSTALLATION	NO LOCATION			
	VELOPMENT CENT	er, warminster,	PENNSYLVANIA	S. PROJECT NUMBER
4. PROJECT TITLE				S, PROJEC: NUMBER
AIRCRAFT TEC	inologies labor	RATORY	 	P-163
12. SUPPLEM	ENTAL DATA: (0	Continued)		
(3)	(a) Product: (b) All Othe (c) Total (d) Contract	c) = (a) + (b) o ion of Plans and er Design Costs.	Specifications.	(200) 850 (775)
•		startted with this pr	Ĩ(month and year)
			Fiscal Year	
Equipment		Procuring	Appropriated	l Cost
Nomenclature	į	Appropriation	or Requested	
	•			<u> </u>
High Tempera	ture	NIF	1990	820
Autoclare				
High Tempera		NIF	1990	· 29 0
Coating Equ	•			222
Ultrastructu		NIF	1990	830
Laboratory, 1	rdn i bweu c			
i			TOTAL	1,940

DD : FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

INSTALLATI	ON AND LO	CATION			4. COMMA	ND		15	. AREA CO	NSTR	
								; =	COST I		
NAVAL EDU NEWPORT.			IG CENTER	· 		F OF NAVAI		3	1 . 16		
PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTE	PPORTED		
. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
09/30/88 . END FY	643	3544	4076	1197	916	0	15	97	•	1048	
1994	593	4009	4076	1353	982	0	10	69	3	1109	
			7.	INVENTO	RY DATA (\$000)					
. TOTAL ACR				(1,200)						
D. INVENTORY C. AUTHORIZA								55.650 41.880	•		
d. AUTHORIZA	TION REQL	JESTED IN	THIS PRO	GRAM				6.350			
B. AUTHORIZA F. Planned I								3,500 28,210			
. REMAINING	DEFICIEN	NCY					1:	36,250			
. GRAND TO				· · · ·	· · · · ·			71,840			
. PROJECTS I	REQUESTED	IN THIS	PROGRAM:								
CATEGORY								DST	DESIGN :		
CODE	EAM DIET!	PROJECT R SYSTEM (SCOPE		000-	START 1		
822.12 51	TOTAL	K 21715M (JPGKAUE			LS		6,350 6,350	11/88	01/90	
. <u>future pr</u>	OJECTS:										
A. INCLUD											
813.20 EL	EC DIST S	SYS UPGRD	-PH II			LS		3,500 3,500			
	· - · · -							0.000			
5. MAJOR 441.30 HA		NEXT THREI				LS		480		,	
610.10 AD	MINISTRAT	TIVE OFFI	E			44,850		5,200			
721.13 BA 730.15 BR		NLISTED O	JARTERS			146,000 31,340		6,300 5,910			
							•	• • • • • • • • • • • • • • • • • • • •			
MISSION O	R MAJOR I	FUNCTIONS			· · · · · · · · · · · · · · · · · · ·						
						which qua ed for mi					
						ficer can					
			7								
	NG POLLUT		SAFETY DE	FICIENCI		<u>00</u>) 9 0					
1. DUTSTANDI		RESTORATIO			31,2						
1. <u>OUTSTANDI</u> A: POLLU B: INSTA		SAPELY ANI	PEALIN	(USH):		0					
A: POLLU B: INSTA	LLATION F ATIONAL S										
I. <u>DUTSTANDI</u> A: POLLU B: INSTA											
I. <u>DUTSTANDI</u> A: POLLU B: INSTA											
I. <u>DUTSTANDI</u> A: POLLU B: INSTA							•				
A: POLLU B: INSTA							•				
1. <u>OUTSTANDI</u> A: POLLU B: INSTA									-		
I. <u>DUTSTANDI</u> A: POLLU B: INSTA									-		
A: POLLU B: INSTA											

FY 19_91 MILITARY CONSTRUCTION PROJECT LATA							2. DATE	
					TTITLE			
NAVAL EDUCATION AND TRAINING CENTER, NEWPORT, RHODE ISLAND				STEAM DISTRIBUTION SYSTEM				
S. PROGRAM ELEMENT		6. CATEGORY CODE	7. PROJECT NUMBER			B. PROJECT COST (8000)		
0805796N								
		9. CO	ST ESTIMA	res				
		ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)	
SUPPORTING F PAVING AND ASBESTOS R SUBTOTAL CONTINGENCY TOTAL CONTRA SUPERVISION, TOTAL REQUES	ACILIT SITE EMOVAL (5%) . ACT COS INSPE	IMPROVEMENT	(5.5%)	. LS . LS	- - - - - - (NO	- - - - - - N-ADD)	4,820 920 (720) (<u>200</u>) 5,740 <u>280</u> 6,020 <u>330</u> 6,350 (0)	

Install steam distribution and condensate return lines providing loop system; install two condensate pumping stations; upgrade thermal insulation on 24,600 lineal feet of existing steam distribution pipe and 11,050 lineal feet of existing condensate pipe; install nine steam and condensate flow meters; asbestos removal.

11.REQUIREMENT: As Required.

PROJECT: Installs steam distribution and condensate return lines, condensate pumping stations, thermal insulation, and flow meters. (Current mission.)

REQUIREMENT: Adequate steam distribution system to correct existing deficiencies in the steam heating system, improve system efficiency through reduced heat loss, and provide more reliable and efficient building heat. CURRENT SITUATION: Building heat is presently provided from boiler plants, and manpower limitations allow the operation of only one plant. Certain areas of the base are served from a radial distribution system subject to an unnecessarily high risk of shutdown. Heat losses from the steam distribution piping are currently excessive because of inadequate insulation.

IMPACT IF NOT PROVIDED: The steam distribution system has a continued risk of major outages, lack of reliability, and a high operating cost.

(Continued on DD 1391c)

. COMPONE	NT			2 DATE
NAVY		FY 1991 MIL	ITARY CONSTRUCTION PROJECT D	PATA
	TION	ID LOCATION		
				1
A. PROJECT		N AND TRAININ	G CENTER, NEWPORT, RHODE ISLAND	S. PROJECT NUMBER
4. PROJECT	11156			
STEAM DIS	STRIB	TION SYSTEM U	FGRADE	P-146
12. SUPI	PLEME	TAL DATA:		
A. Militaru			tatus: (Project design conform cility Planning and Design Guid	
		CON 1170, 12	control transmit and pental control	•• /
	(1)	Status:		
		(a) Date Des(b) Fercent	ign Started	100
!			ign 35% Complete	
1			ign Complete	
	/21	Danie.		
	(2)	Basis: (z) Standard	or Definitive Design:	Yes No X
		•	sign Was Most Recently Used:	N/A
				4000
<u> </u>	(3)		<pre>:) = (a) + (b) or (d) + (e): on of Plans and Specifications.</pre>	(<u>\$000</u>) (285)
			er Design Costs	

		(e) In-house		(45_)
	(4)	Construction	scart	12-90
			•	(month and year)
b.	Equ i	ment associat	ed with this project which will	be provided
	_	ropriations:		. oo paavaaa
ı				
		•		
			•	
l				
1				

DD 1 DEC 74 13910

	ION AND LE	CATION		·	4. COMMAN	Ю		5	. AREA CO COST I		
	DERWATER :		NTER.	į		AND NAV		RE ;	1.16		
. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORTE	PORTED		
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	EMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
08/30/86	16	38	2048	0	0	24	0	0	0	212	
1994	16	39	2061	0	0	24	٥	0	0	214	
			7.	INVENTO	RY DATA (000)					
a. TOTAL AC b. INVENTOR c. AUTHORIZ d. AUTHORIZ e. AUTHORIZ f. PLANNED g. REMAININ h. GRAND T	RY TOTAL A ZATION NOT ZATION REQ ZATION INC IN NEXT TO NG DEFICIE OTAL	YEY IN II UESTED IN I LUDED IN I HREE PROGI	HVENTORY THIS PROF FOLLOWING RAM YEARS	PROGRAM				03,060 750 4,000 0 5,420 42,870 56,100			
CATEGORY								057	DESIGN		
CODE	SUIDED MIS		TITLE			16,590		4,000	11/86	01/90	
	NE R PLANNED Data cente		E YEARS.			LS		5,420			
	e Naval Un r underwat rfare and rfare weap pmarine co chnology.	derwater er weapon systems a ons syste mmunicati The Head	System Ces systems halysis, ms and co ons syste quarters from expl	. It pla RDT&E, as mponents ms, navig Newport (oratory-s	ens and c ng Fleet , underse gation an Laborator research	onducts p support : a surve: 1 d related y perform through t	rograms n unders lance sy science s a wide he in-se cycle of	of vater vstems, is and variety invide these			
wa wa gui te of enj	functions gineering stems. Th wlondon, C	assistanc	also man	ages sub:	sidiary 1	aboratori	ermuda l	ioing .aboratory	٠.		
wa wa gul te of en; ey; Ne:	gineering stems. Th wlondon, C DING POLLU	ASSISTANCE TE AUTEC	also man Test Rang	agės sub: es, Andri	sidiary 1 os, Baham	aboratori as; and B	ermude L	aboratory	·.		
UB UB TO THE TO	gineering stems. Th wlondon, C	ASSISTANCE TIS CENTER TI AUTEC ITION AND ITEMENT RESTORATI	also man Test Rang SAFETY DE	nges Sub es, Andre	sidiary 1 os, Baham	aboratori as; and B	as inclu	aboratory	, . 		

1 COMPONENT		9.91 MILITARY CO	NSTRUC					DATE
3. INSTALLATION A	ND LOC	ATION		4. PROJE	TT	TLE		
NAVAL UNDERWA NEWPORT, RHOD		YSTEMS CENTER, AND		GUID	SD P	4ISSILE	LABORA	TORY
S PROGRAM ELEME	NT	S. CATEGORY CODE	7. PROJEC	TNUMBER		8. PROJ	ECT COST	(8000)
0605896N		312.10	P-034			<u></u>	4,000	
		9. COI	T ESTIMAT	res	_			
		ITEM		U/N	ام	JANTITY	COST	COST (\$000)
SUPPORTING FA UTILITIES. PAVING AND SUBTOTAL CONTINGENCY (TOTAL CONTRAC SUPERVISION, TOTAL REQUEST	SITE 51) T COST	IMPROVEMENT, RELOCATION & OVERHEAD	(5.5%).			(N	184.00 	200 (90) (110) 3,610 180 3,790 210 4,000

Two-story steel frame building, reinforced concrete foundation and floors, masonry walls with brick facing, built-up roof, elevator, bridge crane, computer flooring, TEMPEST shielding, wet-pipe sprinkler system and fire protection pumps, Halon storage tanks, air conditioning, utilities; laboratories, shops, offices; grounding system, rock excavation; relocate one building.

11. REQUIREMENT: 18,590 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides an integrated submarine and surface missile systems laboratory to accomplish life-cycle support and configuration management, in-service engineering, and inert missile assembly and disassembly for the Sea Lance Anti-Submarine Warfare (ASW) standoff weapon system, an advanced missile being developed for SSN classes 637, 688 and 21, and surface ship classes CG-47, DD 963, and DDG-51. (New mission.)

<u>REQUIREMENT</u>: Adequate and properly-configured facilities to accommodate the mission responsibility for the total technical aspects throughout the service life of the Sea Lance Weapons System. The facility will support development, integration, certification, at sea testing, avionics and software life-cycle support, engineering fleet support, and inert missile assembly and disassembly for the service life of the missile. Newport has been assigned technical, acquisition engineering, and in-service engineering agent for the Sea Lance Weapon Missile System and subsystems. Newport will be required to certify and support Sea Lance missile readiness commencing before the initial production unit deliveries are deployed to (Continued on DD 1391c) the Fleet in 1991.

1 COMPONENT			2 DATE
NAVY	F	Y 19 <u>91</u> MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALLATI	ON AND	LOCATION	
MAGRI INDO		CVCMBUC CBUMDA MBUDOBO BUODE 151 LVD	
4. PROJECT TO		R SYSTEMS CENTER, NEWPORT, RHODE ISLAND	PROJECT NUMBER
		· ·	
GUIDED MI	ssile (LABORATORY	P-034
11. REOU	I REMENT	F: (Continued)	
CURRENT S	ITUATIO	ON: There are no facilities that can be ded	
		Lance program. All existing laboratory spa	
		lized or converted to an appropriate support utilized in support performance of other cri	
functions	•	actitied in support betroaming of odder Cri	CICEL IDIED
		ROVIDED: Newport could not support the Sea	Lance missile
		technical and in-service engineering agent f	
-		vy would be unable to insure that the Sea La	
maintaine	a in it	ts required high state of readiness during i	ics debrolment.
12. SUPP	Lementa	AL DATA:	
	Petimat	ted design status: (Project design conforms	to Part II of
		ok 1190, "Facility Planning and Design Guide	
		• • • • • • • • • • • • • • • • • • • •	
		tatus:	
		a) Date Design Started	
		b) Percent Complete as of January 1990 c) Date Design 35% Complete	
	•	d) Date Design Complete	· · · · · · · · · · · · · · · · · · ·
	(2) Ba	asis:	
		- ' -	resNo_X_
	(1	b) Where Design Was Most Recently Used:	N/A
	(3) To	otal cost (c) = (a) + (b) or (d) + (e):	(\$000)
	(4	 a) Production of Plans and Specifications. 	
	• •	b) All Other Design Costs	
	• •	d) Contract	
	•	e) In-house	
		•	· · · · · · · · · · · · · · · · · · ·
	(4) Co	onstruction start	12-90
		(1	month and year)
		_	
		•	
		(Continued on	DD 1391/1

DD . 508% 1391c \$/N 0100-LF-001-3015

1. COMPONEN	FY 19 91 MILITARY CONSTRUCTION PROJEC	T DATA
3. INSTALLAT	ION AND LOCATION	·
NAVAL UND	ERWATER SYSTEMS CENTER, NEWPORT, PHODE ISLAND	
4. PROJECT TI	TLE	S PROJECT NUMBER

12. SUPPLEMENTAL DATA: (Continued)

b. Equipment associated with this project which will be provided from other appropriations.

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)
Miscellaneous	WPN	1990	1,420
subsystems,	NIF	1986	470
computer aided	WPN	1990	2,840
engineering developmen	nt		
operating systems,			
simulators, consoles,			
micro-processors, Sea	Lance		
Inert Missile, guidand			
electronic unit, miss:			
test set, ascambly sta			
adapters, flight term:			
system and test set,			
other hardware.			
	TOTAL		4.730

DD 1 508M 1391c 8/H 0102-LC-001 3915

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

. INSTALLATIO	ON AND LO	CATION			· 4. COMMA	NO		5	COST I	
MARINE CO BEAUFORT,						ANDANT OF	THE		93	HUEN
. PERSONNEL STRENGTH		PERMANENT	r		STUDENTS	5		SUPPORTE	D	TOTAL
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	BALISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN] '0'-'
08/30/88 D. END FY	67	433	448	0	15	•	267	2540	275	404
1994	63	450	451	0	157	; 0	311	2911	146	448
			7.	INVENTO	RY DATA	\$00 ()				
A. TOTAL ACR		E OE 30 SI			10.558)			105 , 640		
C. AUTHORIZA	TION NOT	YET IN I	VENTORY					4.990		
d. AUTHORIZA	TION REQ	UESTED IN	THIS PRO	GRAM .				€.500		
e. AUTHORIZA f. PLANNED I	TION INC N NEXT T	PARE BAUCI	FOLLOWING Pam vears	PROGRAM				9.500 15.950		
9. REMAINING	DEFICIE	NCY						25.350		
h. GRAND TO	FAL .	NCY						167.930		
B. PROJECTS	REQUESTED	IN THIS	PROGRAM							
CATEGORY CODE		PROJECT	T TLE			SCOPE		COS"	STAR"	COMPLET
	CHELOR E	NLISTED OL				72,410			02/86	10/90
	TOTAL							6.50C		
9. FUTURE PR	OUECTS									
		LLOWING P								
141.70 AI 721 12 BA		C CTRL TO				L\$ 72,410 !		2.600 €.900		
721 12 54	TOTAL	TED GIRS	rr 44			72,410	" —	9.500		
8 MAJOR 116 35 AC						23,200	5 >	1.750		
721 11 BE	O PH III					350	PN	8.900		
211 10 AC	FT ACOUS	TICAL ENG	L			40	EA	5.300		
	5 W. 105	211110710NIC								
C MISSION D				s to sup	port flig	ht operat	ons: o	peration		
						de servic				
to 5	upport o	perations	of a Mar	ING ATTC	raft Wing	and/or u	1118 IN	ereor, and	9	
						Operation		(No. 11.10)		
1. OUTSTANDI	NG POLLU	TION AND	SAFETY DE	FICIENCI	ES. (\$C	XX (0)				
A. POLLU	TION ABA	TEMENT				0				
		RESTORATIO		(00)		70				
C: OCCUP	AIIUNAL	SAFETY AND	D HEALIH	(O2H):		•				

PAGE NO. 358

DD FORM 1390 1DEC76

	FY 1	9 <u>91</u> MILITARY CO	ONSTRUC	TION PI	ROJE	CT DA	TA 2 0	ATE
NAVY	ND LOC	ATION		4. FROJE	TTT	LE.		
MARINE CORPS								
BEAUFORT, SOL		· •		BACH	ELOR	ENLIS	TED QUA	RTERS
PROGRAM ELEME		6. CATEGORY CODE	7 PROJEC				ECT COST (S	
0206496M		721.11	P-36	5			6,500	
			ST ESTIMAT	ES				
		ITEM		U/A	a Qu	ANTITY	UMIT COST	COST (8000)
ACHELOR ENL	STED	QUARTERS	• • • •	. SI	7	2,410	70.00	5,070
SUPPORTING PA	CILIT	IES				~	-	\$00
SPECIAL CON	STRUC	TION FEATURES		. 14	:	-	1 - 1	(490)
UTILITIES.				. Ls	:	-		(90)
PAVING AND	SITE	IMPROVEMENT, DEM	OLITION.	. L	;]	-	-	(220
SUBTOTAL				. -		-	-	5,870
CONTINGENCY	(5%) .			. -		-	-	290
TOTAL CONTRAC	T COS	T		. -		-	! - !	6,160
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	. -		-	- :	340
TOTAL REQUEST	r			. -	1	-	-	6,500
QUIPMENT PRO	VIDED	FROM OTHER APPR	OPRIATIO	NS -		- (NC	N-ADD)	(0)
							İ	
				1	I		1 :	

Three-story masonry load-bearing wall building, pile foundation, concrete floors, built-up roof, fire protection system, sound attenuation, air conditioning, utilities; 94 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment; demolition of one building.

Grade mix: 264 El-E4, 48 E5, 4 E6-E9. Total: 316.

11. REQUIREMENT: 1,529 PM. ADEQUATE: 590 PM. SUBSTANDARD: 0 PM. PROJECT: Provides adequate billeting for 316 enlisted personnel. (Current mission.)

REQUIRZMENT: Adequate living quarters for enlisted personnel in grades E1-E9 assigned to this air station as permanent support.

CURRENT SITUATION: Sixty-three percent of the single enlisted Marines at E; sufort are billeted in substandard quarters that do not meet DOD habitability requirements.

IMPACT IF NOT PROVIDED: Adequate billeting will not be available for all enlisted personnel. Marines will continue to occupy inadequate housing and endure a low standard of habitability. This adversely impacts on recruitment and retention or Marines in an all-volunteer environment. The health and morale of Marines occupying substandard quarters is further accentuated when they work with other Marines who occupy quarters that meet standards of adequacy.

(Continued on DD 1391c)

DD: 500% 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1 COMPONE	NT	FY 19 91 MILITARY CONSTRUCTION PROJECT	DATA
NAVY			DATA
3 INSTALLA	TION	AND LOCATION	
MARINE C	ORPS	AIR STATION, BEAUFORT, SOUTH CAROLINA	
4. PROJECT	TITLE		S. PROJECT NUMBER
BACHELOR	ENL	ISTED QUARTERS	P-366
l2. SUP	PI.EM	ENTAL DATA:	
		imated design status: (Project design confo	rme to Part II of
		Jbook 1190, "Facility Planning and Design Gu	
	(1)		
		(a) Date Design Started	2-86
		(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	11 90
		(d) Date Design Complete	10-90
		(d) pare pesidu complete	<u>10-90</u>
	(2)	Basis:	
		(a) Standard or Definitive Design:	YesNo_X_
		(b) Where Design Was Most Recently Used:	N/A
	(3)		(\$000)
		(a) Production of Plans and Specification	s(210_)
		(b) All Other Design Costs	•••••(<u>40</u>)
		(c) Total	
		(d) Contract	· · · · · · · · · · · · · · · · · · ·
		(e) In-house	(210_)
	(4)	Construction start	. 12-90
			(month and year)
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	_	ppropriations: None.	II be btoarded
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and modern submarines. The yard also provides support for anti-air. anti-submarine warfare weapons systems 1	Main		55110 SUDI	marines repair, (Logistii Literatii	c support ons dryd	providi DCKING (of surfac	# \$ P 1 P 5		
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NAVAL STA		CATTON				ANDER IN	041FE		COST I	
CHARLESTO		CAROLINA				NTIC FLEE			. 92	
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A. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	10120
09/30/88 D. END FY	1500	20000	500	٥	0	0	106	538	0	22644
1904	1553	21000	500	0	0	0	106	538	0	2369
			7.	INVENTO	RY DATA (S000)				
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CATEGORY CODE		PROJECT				SCOPE	Ç	OST 8000-	DESIGN	STATUS
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1. COMPONENT	FY 1	19 <u>91</u> MILITARY CO	ONSTR	UC	TIO	N PR	OJECT DA	TA	2. DA	TE	
3. INSTALLATION	ND LOC	ATION			4. FR	OJECT	TITLE		٠		
NAVAL STATION	N.										
CHARLESTON.	•	CAROLINA			В	OAT :	SHOP				
5. PROGRAM ELEM		6. CATEGORY CODE	7. PRO	JEC			8. PROJ	ECT CO	OST (\$	000)	
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		9. CC	OST ESTW	/AI	res						
	_	ITEM				U/M	QUANTITY	CO		CO (\$0)	
BOAT SHOP				•		SF	10,100	-			790
OPERATIONS	AND S	HOP SPACES			•	SF	5,000	90.	00	i	450)
STORAGE SPI	ACE					SF	5,100	67.	00	Ċ	340)
SUPPORTING F	ACILIT	IES				-	`-	-	.	•	190
SPECIAL CO	NSTRUC	TION FEATURES			•	LS	-	-	. [(140)
UTILITIES,	PAVIN	G AND SITE IMPRO	VEMENT	÷		LS	-	-		(_	50)
SUBTOTAL						-	-	-	. [980
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TOTAL CONTRAC	CT COS	T				-	-	-	.)	ī	,030
SUPERVISION,	INSPE	CTION AND OVERHEA	AD (5.	54)		-	-	ļ -	.	_	60
TOTAL REQUEST	r				•	-	-	-	.	1	,090
EQUIPMENT PRO	OVIDED	FROM OTHER APPR	TAINGO	ŢO	NS	-) - (NON-	ADD)	(0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete frame building, concrete floor, pile foundation, masonry walls with brick veneer, steel roof joists and built-up roof, utilities, air conditioning, fire protection system.

11. REQUIREMENT: 10,100 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides waterfront support building for the Naval Mine Warfare Division based at Charleston. (Current mission.) REQUIREMENT: Adequate small boat repair, operations, and spare parts storage facilities for Mine Division 125 (MINEDIV 125). MINEDIV 125 operates ten mine warfare small craft and is responsible for providing necessary maintenance and repair services to keep them operational. These vessels consist of seven Mine Sweeping Boats and three Landing Craft, Utility. These craft are constructed on non-metal hulls and cabins to reduce influence on magnetic mines. They require considerable more maintenance than metal hull craft. Boats must be constantly lifted out of the water and have their hulls sanded, repaired and repainted. In order to maintain and repair these craft and their mine countermeasures on-board equipment, the division must perform electronics work, woodworking, painting, grinding, welding and other mechanical functions to gas turbines, other engine components and various structural systems of the vessels. CURRENT SITUATION: No repair facilities or spare parts storage warehouse are available at the Naval Station for MINEDIV 125 functions. Repair services are provided using three vans parked on the bulkhead between the (Continued on DP 1391c)

DD: 50AM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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S/N 0102 LF 001-3910

NAVY	FY 19 ⁹¹ MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION		
	·	
NAVAL STATION	, CHARLESTON, SOUTH CAROLINA	
4. PROJECT TITLE		S. PROJECT NUMBER
BOAT SHOP		P-699
CURRENT SITUR mine warfare rapid deploymand maintenan not adequate activities. them is restr is provided o warehouse spa leasing cause available neas warehouse leas IMPACT IF NOT shops and ope operational d performing th readiness and	ENT: (Continued) TION: (Continued) berthing piers. These vans are used by MINED ent worldwide of the mine warfare craft and for the continued of the mine warfare craft and for permanent day-to-day homeport repair and the vans provide very limited work spaces and icted making repair work difficult. Bulk spaff-base by sharing warehouse space with anothice is leased by GSA and is costly to the Navy sidelays in repairs because most parts are nor the repair shops. On-base storage will eliminate to repair shops. On-base storage will eliminate cost and improve operational logistics. PROVIDED: Use of the the deployable vans wire rations facilities will continue to result in ifficulties in repairing damaged mine warfare a routine but extensive boat maintenance. The could adversely impact the division's abiliticable spots around the world.	or their repair These vans are maintenance movement in re parts storage er unit. The . Off-base t readily minate the th permanent delays and small craft and is lowers
a. Esti	NTAL DATA: mated design status; (Project design conform book 1190, "Facility Planning and Design Guid	
(1)	Status:	
(2)	(a) Date Design Started	10-88
	(b) Percent Complete as of January 1990	
	(c) Date Design 35% Complete	
	(d) Date Design Complete	9-89
(2)	Basis:	
		YesNo_X_
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
(3)	(a) Production of Plans and Specifications.	
	(b) All Other Design Costs	
	(c) Total	
	(d) Contract	(15_)
	(e) In-house	(5)
(4)	(12-90 month and year)
	<pre>pment associated with this project which will propriations: None.</pre>	be provided

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

GE NO. 🔝 🐧

	COMPONENT		FY	1991 Mi L	TARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
	INSTALLATIO	N AND LO	CATION			4. COMMA	ND		• !	S. AREA CO	NSTR.
	NAVAL SUPE					NAVA CDMM	L SUPPLY	SYSTEMS	; ;	.92	INDEX
	PERSONNEL		PERMANEN'	<u>-</u>		STUDENTS			SUPPORTI		T
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		TOTAL
	AS DF 09/30/88	23	3	1051	0	0	22	0	0	129	122
٥.	END FY 1994	23	3	1051	٥		22		0	129	122
_		<u> </u>		7.	INVENTO	HY DATA (\$000)	<u> </u>	!	_i	.L
0 c d e f g h	TOTAL ACRI INVENTORIZA AUTHORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GRAND TOT PROJECTS R	TOTAL A: TION NOT TION REQ TION INC N NEXT TI DEFICIE	YET IN IN UESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM				32.130 12.190 3,200 0 42.500 90.020		
	TEGORY								OST		STATUS
	41.72 FL	EET SUPP	PROJECT LY SPT STO				36.230	SF	3,200	11/88	01/90
	B. MAJOR F NONE	PLANNED I	NEXT THRE	YEARS:					,		
	backt supp in CI US at prov suppo	ides log fit flee ly point narleston nd the G isions in ort and	t Ballist for over n as well aribbean. ncluding t insure the	oport for ic Missil 70 surfa as for s A major Frozen me e operati	e Submar ce comba hore act functio at and o onal rea	Idwide PO ine progr tants and ivities t in is main ither froz diness of	am, and i support hroughout taining a en produc these fo	s the pr ships ho the sou 30-day ts, to a	imary imeported itheaster supply o	n f	-
		LATION	TEMENT RESTORATI(SAFETY ANI		(OSH):		0				

DD FORM 1390 1DEC76

1. COMPONENT	19 91 MILITARY CO	METRIC	TIAN PD	O IECT DAT	2. D	ATE
NAVY	19 EE WILLIAM F CO	NO I NUC	I IUN PR	DIECIDA	'^	
3. INSTALLATION AND LO	CATION		4. PROJECT	TITLE		
NAVAL SUPPLY CENT	ER,					
CHARLESTON, SOUTH	CAROLINA		FLEET	SUPPLY ST	UPPORT :	STORE
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNUMBER	B. PROJE	CT COST (\$000)
	1	}				
0702896N	441.72	P-058			200	
	9. CO	ST ESTIMAT	ES			
	ITEM		U/M	QUANTITY	COST	COST (\$000)
FLEET SUPPLY SUPP	ORT STORE		. SF	36,230	-	1,940
ADMINISTRATIVE .	AREA		. SF	1,220	82.00	(100)
SALES AND DISPL	AY AREA		. SF	21,240	68.00	(1,440)
WAREHOUSE AREA			. SF	13,770	29.00	(400)
SUPPORTING FACILI	ries		.]-	-	-	950
SPECIAL CONSTRU	CTION FEATURES		. Ls	-	-	(660)
UTILITIES			. LS	-	-	(100)
PAVING AND SITE	IMPROVEMENT		. LS	-	-	(<u>190</u>)
SUBTOTAL			• -	-	-	2,890
CONTINGENCY (5%)			. -	-	-	140
TOTAL CONTRACT CO	ST		. [-	- 1	-	3,030
	ection & overhead	(5.5%).	. -	-	-	170
TOTAL REQUEST			. [-	-	-	3,200
EQUIPMENT PROVIDE	D FROM OTHER APPRO	PRIATION	1S -	- (NON-ADD) (0)
10. DESCRIPTION OF PROP						<u> </u>

One-story pre-engineered steel frame building, pile foundation, concrete floor, insulated metal walls and roof, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 36,230 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a waterfront-area fleet supply support store (FSSS) for consumable items of immediate need to fleet units. (Current mission.) REQUIREMENT: An adequate and properly configured facility to house the FSSS in close proximity to the primary ship berthing area with adequate access and parking for efficient and convenient customer service. Homeported and transient ships at the Naval Station need a FSSS located close to berthing piers for issue of high use consumables without the necessity of going through the individual requisition process. The supply center's FSSS accounts for approximately 45 percent of the total issues of consumables, hand tools, minor repair parts and general shipboard maintenance materials. Some 3,600 line items are carried as shelf and bin stock for direct issue to the customers of approximately 80 ships homeported at the Naval Station and undergoing repair at the Charleston Naval Shipyard.

CURRENT SITUATION: The FSSS was housed in a high-bay concrete and steel structure. Use of this building as a FSSS did not effectively use the cubic space available. The supply center was been designated the principal TRIDENT Weapon Systems stock point for the East Coast. To support this (Continued on DD 1391c)

DD . 500M 1391

PREVIOUS EDIT'ONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

T. COMPONE	NT		-	2. DATE
NAVY	- }	FY 13 91 MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLA	TION A	ND LOCATION		L
NAVAT. CIT	ע זמם	CENTER, CHARLESTON, SOUTH CARGLINA		
4. PROJECT		CENTER, CHARLESTON, SOUTH CAROLINA	5 20015	CT NUMBER
4. PROJECT	11166		S. · AGS	.C. Itompen
FLEET SU	PPLY	SUPPORT STORE		P-058
11. REO	UIREM	ENT: (Continued)		
-		TION: (Continued)		
		nt the FSSS building was developed by other a		
		ise narrow aisle storage facility. Interim m		
		ssary to allow storage of the TRIDENT Weapon No other spaces are available for storage of		
		the FSSS facility will be temporarily relocate		
		neral purpose warehouse in the shipyard's ind		
		PROVIDED: The FSSS will be forced to operat		
		cility located in a highly congested area in		
industri	al co	mplex adversely impacting service to the flee	t. Qu	antities
of mater interim		may be damaged by weather and subjected to pi	.lferag	e in the
Titter Im	racir	icy.		
12. SUP	PLEME	NTAL DATA:		
			_	
a.		mated design status: (Project design conform		art II of
MILICARY	nano	book 1190, "Facility Planning and Design Guid	le.")	
	(1)	Status:		
		(a) Date Design Started		
		(b) Percent Complete as of January 1990		100
		(c) Date Design 35% Complete		
		(d) Date Design Complete	•••••	
	(2)	Basis:		
			Yes	
		(b) Where Design Was Most Recently Used:	<u>N</u>	I/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):		(\$000)
	14/	(a) Production of Plans and Specifications.		
		(b) All Other Design Costs		. (55_)
		(c) Total		190
		(d) Contract		
		(e) In-house	•••••	. (15_)
	(4)	Construction start,	1	2-90
				and year)
b.	-	pment associated with this project which will	. be pr	ov 1.ded
TIOM OCN	at ¶b	propriations: None.		

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

338

1. COMPONENT . 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM 3. INSTALLATION AND LOCATION 4 COMMAND .5. AREA CONSTR. COST INDEX NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA NAVAL SEA SYSTEMS COMMAND . 92 6. PERSONNEL STUDENTS DEDMANENT SUPPORTED STRENGTH TOTAL ENLISTED OFFICER ENLISTED OFFICER CIVILIAN CIVILIAN OFFICER ENLISTED | CIVILIAN a. AS OF 09/30/88 b. END FY 136 2530 987 ٥ 0 0 9 27 ٥ 3689 1994 132 2510 980 40 904 0 19 47 o 4632 7. INVENTORY DATA (\$000) 17,537) 164,690 36,300 51,350 8. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY CODE DESIGN STATUS COST (\$000 PROJECT TITLE SCOPE PROPULSION TRNG FACILITY 12/88 159.64 06/90 LS 35,730 SF 25.000 SEALANCE MISSL MAINT FAC MISSILE MAGAZINE TOTAL 9.400 1,900 36.300 421.72 9.600 SF 10/88 09/89 9. FUTURE PROJECTS. A. INCLUDED IN FOLLOWING PROGRAM
421 72 MISSISLE MAGS (TOMAHAWK)
421.72 MISSILE MAGAZINE
842.10 WATER DISTRIBUTION SYS
860.20 BARRICADED RAILED SIDINGS 2,000 2,100 500 11,500 11/88 01/90 TOTAL B. MAJOR PLANNED NEXT THREE YEARS: 159.64 MODRING TRNG SHIP IMPROV LS 40,000 10. MISSION OR MAJOR FUNCTIONS: AMERICAL OF MAQUE FUNCITURE:

Receive, relasued, and maintain guided missiles, anti-submarine weapons conventional ammunition, and operate and maintain a family housing complex with community support facilities.

Provide logistic and port terminal services in support of two ammunition ships (AE), one SSBN tender (AS), and one floating dry dock (ARDM).

POMFLANT Charleston. 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
A: POLLUTION ABATEMENT
B: INSTALLATION RESTORATION
C: OCCUPATIONAL SAFET/ AND HEALTH (OSH): (\$000) 1,600

PAGE NO. 365

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1. COMPONENT	FY 1	19 <u>91</u> MILITARY CO)NS	TR	UC.	TIO	N PR	DJE	CT DA		2 0/	TE	
3. INSTALLATION	ND LOC	ATION			\neg	4. PF	OJECT	TIT	LE				
NAVAL WEAPONS	S STAT	ION,			1								
CHARLESTON, S						М	ISSI	E N	AGAZI	NE			
5. PROGRAM ELEM		6. CATEGORY CODE	77	RO.	JEC	TNU	MBER		S. PROJ	ECT CO	ST (\$	000)	
0702031N		421.72		P-'	784				1,	900			
V.33032		9. CO	ST E	STH	TAN	ES							
		ITEM					U/M	۵۷	ANTITY	UNI		COS	
MISSILE MAGA	ZINE .			•	•	•	SF	1	9,600	110.	00	ì,	060
SUPPORTING F	CILIT	IES					-	1	-	-	1		650
		TION FEATURES					LS	1	-	-	- 1	(300)
UTILITIES.		- -			٠		LS	Ì	-	-		(150)
		IMPROVEMENT, RAIL	RO/	D.			LS	ì	-	-	- 1	(20C)
SUBTOTAL					٠		-)	-		- 1	1,	710
CONTINGENCY							-	i	-	-	- 1		90
TOTAL CONTRA							-		-	-	ļ	1,	800
		CTION AND OVERHEA	AD (5.	5 k)		-	1	_	–	1	•	100
TOTAL REQUES							-	<u> </u>	_	-	1	ī,	900
		FROM OTHER APPRO)PR	AT	IO	NS	-	1	- (NON-A	ADD		0)
_													

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-earth covered reinforced concrete five-bay magazine, reinforced concrete floor on pile foundation, 17.5-foot wide hardened doors, loading dock, security lighting, lightning protection, loading apron, access road, railroad spur, fire protection and alarm system, provision for intrusion detection system, utilities.

11. REQUIREMENT: 27,600 SF. ADEQUATE: 18,000 SF. SUBSTANDARD: 0 SF. PROJECT: Provides one magazine for TOMAHAWK missiles. (Current mission.) REQUIREMENT: Adequate storage for TOMAHAWK cruise missiles including the proper level of environmental and security protection. This station is tasked with processing TOMAHAWK missiles starting in 1989 to include contractor delivery, maintenance, issue, fleet return and shipment operations. The missiles are normally stored in their shipping containers in an "All-Up-Round" configuration. Requirement for one magazine is based on projected workload and procurement schedules. Additional magazines will be requested in the future, based on the growing TOMAHAWK inventory needed to support the fleet at Charleston.

CURRENT SITUATION: No existing magazines are available for storage of TOMAHAWK missiles at Charlestor because of support to ammunition ships homeported and the increasing numbers of off-loads and on-loads for combatants. The liquid fueled TOMAHAWK is not compatible for storage with other weapon systems, making it necessary to have a separate dedicated

(Continued on DD 1391c)

DD 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

PAGE 10. 5, 1

1. COMPONEN	17		2. DATE
NAVY		FY 15 91 MILITARY CONSTRUCTION PROJECT DA	TA
3. INSTALLA	TION A	ND LOCATION .	
		STATION, CHARLESTON, SOUTH CAROLINA	
4. PROJECT T	ITLE	5.	PROJECT NUMBER
MISSILE I	MAGA Z	INE	P-784
		ENT: (Continued)	
		<u>TION:</u> (Continued) ior to completion of this magazine, temporary s	thomas of the
missiles	will	be in truck holding areas resulting in reduces	d security and
environme	ental	protection.	i
IMPACT II	NOT	PROVIDED: Insufficient storage for TOMAHAWK	weapons could
		ess and security of missiles and result in increquirements.	reased
Martine: IRI	ice t	edantemenes.	'
12. SUPI	PLEME	NTAL DATA:	
a.	Esti	mated design status: (Project design conforms	to Part II of
Military	Hand	book 1190, "Facility Planning and Design Guide.	•*)
	(1)	Status:	
	(-/	(a) Date Design Started	10~88
		(b) Percent Complete as of January 1990	100
		(c) Date Design 35% Complete	3-89
		(d) Date Design Complete	9-89
	(2)	Basis:	
			esNoX
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(<u>\$</u> / <u>√0</u>)
		(a) Production of Plans and Specifications	(60_)
		(b) All Other Design Costs	(20)
		(c) Total	
		(d) Contract	
			·····(//
	(4)	Construction start(mc	nth and year)
b.	Egui	pment associated with this project which will b	ne provided
		propriations: None.	grantam

DD 1 DEC 76 13910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		- 41										. DATE	
NAVY	FY 1	8 AT WIT	LITARY	CO	NST	RU	CT	ION	PRO	JEC., DV.	TA		
3. INSTALLATION A	ND LOC	ATION					14	. PRO	JEC?	TITLE			
NAVAL WEAPONS	STAT	ION.					1	PR	OPUL	SION TRA	INING		
CHARLESTON, S	OUTH (CAROLINA					1	FA	CILI	TY			
S. PROGRAM ELEM		6. CATEGO			7. P	LON	ECT	NUM	BER	B. PROJ	ECT COS	T (8000)	
					1					1			
0702096N		159	.64		_ 1	}-8	69			. 2	5,000		
			•	. co	T ES	TIM	ATE	\$					
		ITEM						- [J/M	QUANTITY	UNIT		95 T (90)
PROPULSION TE	AININ	G FACILI	TY	•		•		\neg	ıs		-	14,	730
BUILDING .								. 1:	SF	65,000	85.00	(5,	530)
PIER								.]:	LS Ì	-	-	(2,	300)
SPECIAL MAR	INE M	CORINGS.						. 1:	LS	-	1 -	(1,	200)
BUILT-IN EQ	UIPME	NT						. 17	LS	-	í -	(5,	700)
SUPPORTING FA	CILIT	IES						. 1.	-	-	-	7,	840
SPECIAL CON	ISTRUC	TION FEA	TURES.					.]:	LS	-	-	1 (4,	000)
ELECTRICAL	UTILI	TIES						. ;	LS	-	-	(1,	600)
MECHANICAL	UTILI	TIES		•				.	LS	-	-	(500)
PAVING, AND	SITE	IMPROVE	MENT,	DRE	DGI	NG		. :	LS	-	-	(1,	740)
SUBTOTAL								. 1	- 1	-	-	22,	570
CONTINGENCY	(5%) .					•		.	-]	-	-		130
TOTAL CONTRAC	T COS	T				٠			-	-	-	23,	700
SUPERVISION,	INSPE	CTION :	OVERHE	AD	(5.	54)		.	-	-	-	1,	300
TOTAL REQUEST	·			•		٠		.]	-	-	-	1 •	000
EQUIPMENT PRO	VIDED	FROM OT	HER AP	PRO	PRI.	ATI	ONS	3	-	- (NC	N-ADD	(220,	000)
								- 1	ļ				
10 DESCRIPTION O				_				l	1		1		

Multi-story steel frame building, high-bay area, concrete floors, pile foundations, high-strength concrete walls, built-up roof, classrooms, radiological systems and work areas, fire protection system, air conditioning, utilities; pier and approach pier each 300-feet long and 25-feet wide, reinforced concrete pier deck on prestressed concrete piling and concrete caps; mooring systems; fire protection system, dredging, roads, parking.

11. REQUIREMENT: As Required.

PROJECT: Provides facilities to accommodate a second moored training ship (MTS) and associated students, staff, and support facilities for training naval nuclear propulsion plant operators. (Current mission.)

REQUIREMENT: The second MTS and supporting facilities are required to meet fleet needs for trained and qualified nuclear propulsion plant operators. Such needs cannot be accommodated by available Department of Energy reactor plant prototypes and the first MTS. (Facilities for the first MTS were provided by a FY 1987 MCON project). Because of the urgent need for the second MTS, the Chief of Naval Operations specifically approved the second MTS on 7 June 1987.

CURRENT SITUATION: No alternate facilities are available to support the second MTS. The planned site at this station is the only site considered acceptable because of security, safety and accessibility requirements, as well as efficiencies gained by operating the first and second MTS at the same site. (Continued on DD 1391c)

DD: 500 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

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1. COMPONENT		2. DATE
NAVY	FY 1991 MILITARY CONSTRUCTION PROJEC	T DATA
3. INSTALLATION	ND LOCATION	
NAVAL WEAPONS	STATION, CHARLESTON, SOUTH CAROLINA	
4. PROJECT TITLE		S. PROJECT NUMBER
PROPULSION TO	AINING FACILITY	P-869
IMPACT IF NOT trained and of powered ships	ENT: (Continued) PROVIDED: The Navy could not meet fleet ualified reactor plant operators required The nuclear powered fleet comprises ove ants and the entire sea-going arm of U. S.	for manning nuclear r 40 percent of the
12. SUPPLEME	NTAL DATA:	
	mated design status: (Project design conf book 1190, "Facility Planning and Design G	
(1)	Status: (a) Date Design Started	<u>50</u> 7-89
(2)	Basis:	
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specification (b) All Other Design Costs	(<u>125</u>) (<u>685</u> (<u>600</u>)
(4)	Construction start	(month and year)
	pment associated with this project which we propriations:	vill be provided
	Fiscal Ye	ar
Equipment Nomenclature	Procuring Appropria Appropriation or Reques	
Conversion of	SSBN to SCN 1990	220,000

DD 1 DEC 74 1391C

1. COMPONENT	FY 1	19_91 MILITARY CO	NSTRUC	TIOI	N PRO	DJECT DA	7A 2. D.	ATE
NAVY								
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TITLE		
NAVAL WEAPONS	STAT	ION,		S	eala	NCE MISSI	LE	
CHARLESTON,	OUTH					ENANCE FA		
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNU	MBER	8. PROJ	ECT COST ((000
			ļ			Į.		
0702031N		216.40	P-82	_			400	
		9. COI	T ESTIMA	LES			·····	
		ITEM			U/M	QUANTITY	COST	COST (\$000)
SEALANCE MIS	SILE N	AINTENANCE FACILI	TY	•	SF	35,730	T - 1	5,900
INTERMEDIA	TE MAI	NTENANCE ACTIVITY		•	SF	29,750	120.00	(3,580)
TEST CELL.					LS	-	1 - 1	(1,200)
MAGAZINE .				•	SF	5,980	150.00	(900)
BUILT-IN E	QUIPME	NT		•	LS	1 ~	1 - 1	(120)
TECHNICAL (PERAT	ING MANUALS		•	LS	[-	i - !	(100)
SUPPORTING F	CILIT	IES			-	l -	- 1	2,590
SPECIAL CO	NSTRUC	TION FEATURES			LS	ł –	-	(390)
UTILITIES.					LS	-	-	(600)
PAVING AND	SITE	IMPROVEMENT, RAIL	ROAD		LS	l -	-	(1,600)
SUBTOTAL					-	i -	1 -	8,490
CONTINGENCY	(5%) .				-	-	-	420
TOTAL CONTRA	CT COS	T			-	1 -	-	8,910
SUPERVISION,	INSPE	CTION AND OVERHEA	D (5.5%).] -	-	-	490
TOTAL REQUES	r				-] -	-	9,400
EQUIPMENT PRO	OVIDED	FROM OTHER APPRO	PRIATIO	NS	-	-	(NON-ADD	(0)
ı					1	1		I
		SED CONSTRUCTION			<u> </u>	<u> </u>		L

IMA: One-story reinforced concrete frame and masonry building, pile foundation and concrete floor, built-up roof on insulated preformed roof panels, bridge cranes, explosive-proof wiring, high pressure air system, sprinkler system, air conditioning, security fencing and lighting, loading platforms, lightning mast and grounding system, access road, railroad, utilities.

MAGAZINE: One earth-covered reinforced concrete three-bay magazine, loading platform, 25-foot wide doors, access road, railroad, overhead cranes, paved apron, security lighting, recessed grounding terminals in floors, intrusion detection system, fire protection system, utilities. TEST CELL: One-story reinforced concrete building, concrete foundation and floor, built-up roof, fire protection system, ventilation, utilities; hoists; access apron.

11. REQUIREMENT: 35,730 SF. ADBQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs maintenance and storage facilities for the SEALANCE weapons system, provides life-cycle intermediate level maintenance for introduction into the Atlantic Fleet. (New mission.) REQUIREMENT: An intermediate level maintenance facility to accommodate the SEALANCE Fleet introduction schedule. A new facility with dust, humidity and temperature control is necessary to perform assembly, checkout and maintenance of exercise and warshot SEALANCE weapons for the Atlantic Fleet. The SEALANCE is an advanced digital missile developed to (Continued on DD 1391c)

NAVY SINSTALLATION AND LOCATION NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA -PROJECT VILLE SEALANCE MISSILE NAINTENANCE PACILITY P-823 11. REQUIREMENT: (Continued) Support the SSN 637, SSN 688 and SSN 21 class submarines. The SEALANCE missile will also be deployed on DD 963, CG 47 and DDG 51 class surface ships. SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, iong range ASW weapon. CURRENT SITUATION: No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started. (b) Percent Complete as of January 1990. (c) Date Design Complete. (d) Date Design Complete. (e) Basis: (a) Standard or Definitive Design: Yes No X (b) Where Design Was Most Recently Used: (a) Standard or Plans and Specifications. (b) Where Design Was Most Recently Used: (c) Yotal. (d) Contract. (d) Contract. (d) Contract. (d) Contract. (d) Contract. (d) Contract. (d) Contract. (d) Contract. (d) Construction start. (e) In-house. (f) Contract appropriations: None.	1. COMPONER	1 TV			2 DATE
NAVAL WEAPONS STATION, CHARLESTON, SOUTH CAROLINA 4. PROJECT NUMBER SEALANCE MISSILE MAINTENANCE FACILITY P-823 11. REQUIREMENT: (Continued) support the SSN 637, SSN 688 and SSN 21 class submarines. The SEALANCE missile will also be deployed on DD 963, CG 47 and DDG 51 class surface ships. SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, long range ASW weapon. CURRENT SITUATION: No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started	NAUV	Ì	FY 19 91 N	MILITARY CONSTRUCTION PROJECT DATA	
SPROJECT NUMBER SPROJECT N		TION A	DLOCATION	· · · · · · · · · · · · · · · · · · ·	
SPROJECT NUMBER SPROJECT N	MAUAT ME	a Bong	CMAMTON C	DEADLE COMMU CAROL TAN	
11. REQUIREMENT: (Continued) Support the SSN 637, SSN 688 and SSN 21 class submarines. The SEALANCE missile will also be deployed on DD 963, CG 47 and DDG 51 class surface ships. SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, long range ASW weapon.			STATION, C		JECT NI MARE
11. REQUIREMENT: (Continued) support the SSN 637, SSN 688 and SSN 21 class submarines. The SEALANCE missile will also be deployed on DD 963, CG 47 and DDG 51 class surface ships. SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, long range ASW weapon. CURRENT SITUATION: No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Pacility Planning and Design Guide.") (1) Status: (a) Date Design Started. (b) Percent Complete as of January 1990. (c) Date Design 35% Complete. (d) Date Design Complete. (e) Date Design Was Most Recently Used: (b) Where Design Was Most Recently Used: (b) Where Design Was Most Recently Used: (a) Production of Plans and Specifications. (b) All Other Design Costs. (c) Total (d) Contract (d) Contract (d) Construction start (d) Construction start (d) Construction start (e) Equipment associated with this project which will be provided	T. PROJECT				JECT NOMBER
support the SSN 637, SSN 688 and SSN 21 class submarines. The SEALANCE missile will also be deployed on DD 963, CG 47 and DDG 51 class surface ships. SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, long range ASW weapon. CURRENT SITUATION: No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: 	SEALANCE	MISS	LE MAINTEN	NANCE FACILITY	P-823
support the SSN 637, SSN 688 and SSN 21 class submarines. The SEALANCE missile will also be deployed on DD 963, CG 47 and DDG 51 class surface ships. SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, long range ASW weapon. CURRENT SITUATION: No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: 	11 000		\m. 104	dana di	
missile will also be deployed on DD 963, CG 47 and DDG 51 class surface ships. SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, long range ASW weapon. CURRENT SITUATION: No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: u. Estimated design status: (Project design conforms to Part II of Military Handbook 190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started				•	CEAT ANCE
## SEALANCE will deliver the high performance MK-50 torpedo as its payload and will be the fleet's primary quick reaction, long range ASW weapon. **CURRENT SITUATION:** No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. **IMPACT IF NOT PROVIDED:** Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. ### 12. **SUPPLEMENTAL DATA: ### a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") ### (a) Date Design Started. ### (b) Percent Complete as of January 1990. ### (c) Date Design Started. ### (d) Date Design Complete. ### 10. **Design Complete.**					
Payload and will be the fleet's primary quick reaction, long range ASW weapon.					
CURRENT SITUATION: No facilities presently exist which can support the Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started. 11-88 (b) Percent Complete as of January 1990. 100 (c) Date Design Started. 5-89 (d) Date Design Complete. 5-89 (d) Date Design Complete. 1-90 (2) Basis: (a) Standard or Definitive Design: Yes No X (b) Where Design Was Most Recently Used: N/A N/A (3) Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications. (a) 155 (c) Total. 465 (d) Contract. (a) 400 (e) In-house. (a) 65 (month and year) b. Equipment associated with this project which will be provided					
Fleet introduction and life-cycle intermediate maintenance of SEALANCE weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started					
weapons. The weapons must be assembled during the production years as components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA:					
Components are received from the manufacturer. IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved.				•	
IMPACT IF NOT PROVIDED: Final development of SEALANCE will not be possible and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA:	-				years as
and introduction into the fleet and Initial Operating Cycle will not be achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started					he possible
achieved. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started					
### ##################################					
### ##################################					
Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started	12. SUP	PLEME	TAL DATA:		
Military Handbook 1190, "Facility Planning and Design Guide.") (1) Status: (a) Date Design Started		B-+-2			B
(i) Status: (a) Date Design Started			•	•	Part II of
(a) Date Design Started	willicath	nanu	OOK 1190,	"racility Planning and Design Guide.")	
(b) Percent Complete as of January 1990		(1)	Status:		
(c) Date Design 35% Complete					
(d) Date Design Complete					
(2) Basis: (a) Standard or Definitive Design: Yes No X (b) Where Design Was Most Recently Used: N/A (3) Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications. (310) (b) All Other Design Costs. (155) (c) Total. 465 (d) Contract. (400) (e) In-house. (65) (4) Construction start. 12-90 (month and year) b. Equipment associated with this project which will be provided					
(a) Standard or Definitive Design: Yes No X (b) Where Design Was Most Recently Used: N/A (3) Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications (310) (b) All Other Design Costs (155) (c) Total 465 (d) Contract (400) (e) In-house (65) (4) Construction start 12-90 (month and year) b. Equipment associated with this project which will be provided		٠	(d) Date	Design Complete	1-90
(b) Where Design Was Most Recently Used: N/A (3) Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications		(2)	Basis:		
(3) Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications (310) (b) All Other Design Costs (155) (c) Total 465 (d) Contract (400) (e) In-house (55) (4) Construction start 12-90 (month and year) b. Equipment associated with this project which will be provided			(a) Stand	lard or Definitive Design: Yes_	NoX
(a) Production of Plans and Specifications			(b) Where	Design Was Most Recently Used:	N/A
(a) Production of Plans and Specifications		(3)	Total cost	: (c) = (a) + (b) or (d) + (e):	(\$000)
(c) Total					' '
(d) Contract					
(e) In-house			• •	L	465
(4) Construction start					
(month and year) b. Equipment associated with this project which will be provided			(e) In-ho	ouse	· · · (<u>65</u>)
(month and year) b. Equipment associated with this project which will be provided		(4)	Constructi	ion start	12-90
					h and year)
	k	Post 4	ment sees	, and still which decision which will be a	provided
					hr na raea

1. COMPONENT		FY	1991 MiL	ITARY C	ONSTRUC	TION PRO	GRAM	: 2	. DATE	
NAVY 3. INSTALLATIO	ON AND LO	CATION			4. COMMA	ND			. AREA CO	
MARINE CO PARRIS IS						ANDANT OF	THE	'	CD5* I	NDEX
6. PERSUNNEL	1	PERMANENT			STUDENTS			SUPPORTE		T
STRENGTH	OFFICER	ENLISTED		OFFICER			OFFICER		CIVILIAN	TOTAL
a. AS DF 09/30/88	124	1942	683	0	4500	0	0		•	7249
D. END FY 1994	317	2109	1066	٥	5120	0	0	•	. 0	86 12
			7.	INVENTO	RY DATA	(000				
D. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO	TION NOT TION REG TION INC N NEXT TI DEFICIEI	YET IN II JESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PROFOLLOWING	GRAM PROGRAM				4,520 3,400 7,300 7,000 64,510 97,650		
CATEGORY								057	DESIGN	
730.13 CL	OTHING I	PROJECT SSUE BUILD				35.600	SF		11/8E	COMPLETE 10/90
	TOTAL							3.400		
9. FUTURE PR	OJECTS:									
730.20 SE B MAJOR 441.12 OR	MBAT TRN TTALION (CURITY HI TOTAL	POOL/TAP PS CENTER EADQUARTER	NK R RS			LS 15.39C 6.510	SF	3.900 2.200 1.200 7.300		
1st, fica qual acco proc init to c tra. serv dire	xercise 4th, and tion, and ity control essing all entrol end of the control essing and the control essing for ices as cred. NG POLLUTION ASA LLATION	pperations d 6th Mar d field si rol matter th stands d recivity into the chools as marines a requested	al contro	ncts thr n; to pr 1 mast c blished g for en Corps: t; ; to pro in the conduct		ening, evidence and sted acce o provide rsonnel u training e and pis and for	aluation directi ssions i recepti pon thei of recr tol mark personne	n, vern- on on n on r cuits; smanship	er	
				-						

1. COMPONENT	19 <u>91</u> MILITARY CO	NSTRUC	TION PR	OJECT DA	TA 2. 0	DATE					
3. INSTALLATION AND LO	CATION		4. PROJEC	T TITLE							
MARINE CORPS RECRU											
PARRIS ISLAND, SOU	·		CLOTE	HING ISSUE	DUTTER	NC					
5. PROGRAM ELEMENT	6. CATEGORY CODE	7 PROJEC	T NUMBER		ECT COST						
				NO3	2010031	(\$000)					
0805796M	730.13	P-11	a		400						
000373011		ST ESTIMAT			,400						
				T							
	ITEM		U/M	QUANTITY	COST	(\$000)					
CLOTHING ISSUE BUI	LDING		. SF	35,600	75.00	2,670					
SUPPORTING FACILIT	ries		. -	-	_	400					
SPECIAL CONSTRUC	CTION FEATURES		. Ls	! -	l -	(110)					
UTILITIES			. US	-	-	(70)					
PAVING AND CITE	IMPROVEMENT		. LS	_		(220)					
SUBTOTAL			. -	-	-	3,070					
CONTINGENCY (5%) .			. -] -	_	150					
TOTAL CONTRACT COS	ST		. -	l -	_	3,220					
SUPERVISION, INSPE	CTION & OVERHEAD	(5.5%).	. -	_	_	180					
TOTAL REQUEST				_	_	3,400					
EQUIPMENT PROVIDED	FROM OTHER APPRO	PRIATION	NS -	- (NO	N-ADD)	(0)					
_			_	,,,,,	1	`					
Two-story steel fr fill, masonry wall uniform issue, fit back-up and storag protection system,	Two-story steel frame building, concrete foundation and floors, engineered fill, masonry walls, single ply roof; staging area; includes space for uniform issue, fitting and marking, alterations, dress blue uniform issue, back-up and storage, cash sales, office, and mechanical equipment; fire protection system, air conditioning, utilities.										
	37,400 SF. ADEQU				_	SF.					
PROJECT: Construc	its a clothing iss	ue and i	retail f	acility.	(Curre	ent					
mission.) REQUIREMENT: Adeq	quate facility to	house al	ll funct	ions nece	ssary t	o issue,					
alter, and sell un	iforms to recruit	and per	manent	personnel	. The	recruit					
uniform issue area	must be able to	accommo	late a 3	20-man re	cruit s	eries,					
and this same requ	irement exists fo	r the fi	itting a	nd markin	g areas	. The					
alteration shop re	quires an area to	support	a work	force of	55 emp	loyees.					
The cash sales are	a will service mo	re than	2,500 p	ermanent	personn	el at					
Parris Island, and	1 360 Marines from	the Mai	ine Bar	racks, Ch	arlesto	n. The					
onboard recruit po	pulation varies s	easonab)	ly betwe	en 3,500	and 9,0	00					
persons.											
CURRENT SITUATION:	Uniforms for re	cruits a	and perm	manent per	sonnel	are					
issued, sold, fitt	ed, and altered i	n two ir	nadequat	e, metal	buildin	gs.					
These buildings we	re constructed in	1952 as	wareho	uses and	are vir	tually					
uninsulated. Both	are cold and was	te heat	in the	winter an	d are u	nbearably					
hot in the summer,						The					
design, materials,											
economical alterat				(Continu							

NAVY	FY 19_1 MILITARY CONSTRUCTION PROJECT D	ATA ZOATE
3. INSTALLATION	AND LOCATION	
	RECRUIT DEPOT, PARRIS ISLAND, SOUTH CAROLINA	
4. PROJECT TITLE		5. PROJECT NUMBER
CLOTHING ISS	UE BUILDING	P-118
sheet metal v	MENT: (Continued) T PROVIDED: Uniforms will continue to be issued are houses which waste energy, are hot and hum or in winter, and have already outlived their uniforms.	id in summer,
12. SUPPLEME	ENTAL DATA:	
	imated design status: {Project design conform book 1190, "Facility Planning and Design Guid	
(1)	Status: (a) Date Design Started (b) Percent Complete as of January 1990 (c) Date Design 35% Complete (d) Date Design Complete	100
(2)		YesNoXN/A
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(10) (225 (10)
(4)	Construction start	12-90 month and year)
	ipment associated with this project which will propriations: None,	be provided

DD : 508% 1391c S/N 0102-LF-001 3919

1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM NAVV 3. INSTALLATION AND LOCATION 5. AREA CONSTR. COST INDEX 4. COMMAND NAVAL AIR STATION, CORPUS CHRISTI, TEXAS CHIEF OF NAVAL EDUCATION AND TRAFFLING . 88 6. PERSONNEL PERMANENT STUDENTS SUPPORTED STRENGTH TOTAL OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN a. AS DE 09/30/88 b. END FY 563 c 977 469 2322 0 0 ٥ ٥ 1994 1169 408 0 0 0 0 0 2486 7. INVENTORY DATA (\$000) a. TOTAL ACREAGE
b. INVENTORY, TOTAL AS OF 30 SEP 88
c. AUTHORIZATION NOT YET IN INVENTORY
d. AUTHORIZATION REQUESTED IN THIS PROGRAM
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM
f. PLANNED IN NEXT THREE PROGRAM YEARS
g. REMAINING DEFICIENCY. 4,401) 139,280 3.830 4.700 ō h. GRAND TOTAL . . 8. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY DESIGN STATUS
START COMPLETE
11/86 01/90 COST PROJECT TITLE SCOPE (\$000) 136.10 AIRFIELD LIGHTING 4,700 ŁS 9. FUTURE PROJECTS: A. INCLUDED IN FULLDWING PROGRAM B. MAJOR PLANNED NEXT THRE_ YEARS: 721.11 BACH ENL OTRS IMPROVES 821.22 BOILER PLANT PHASE II 1.360 10. MISSION OR MAJOR FUNCTIONS.

Maintain and operate facilities and provide services and materiels in support of basic and advanced Navy pilot training in propellor aircraft Training Wing Four Three Training Squadrons Corpus Christi Army Depot Chief of Naval Air Training 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
A: POLLUTION ABATEMENT
B: INSTALLATION RESTORATION
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): (\$000) 0

DD FORM 1390 1DEC76 PAGE NOT 379

1. COMPONENT	FY 1	9 91 MILITARY CO	TION P	101	ECT DAT	Α	A 2. DATE		
3. INSTALLATION	ND LOC	ATION		4. PROJE	TI	TLE			
NAVAL AIR ST	ATTON.								
CORPUS CHRIS	•		ATRE	IEI.	D LIGHT	TNC			
S. PROGRAM ELEM	_	6. CATEGORY CODE	7. PROJEC			8. PROJE		ST (\$	(000)
		}							1
0805796N		136.10	P-27	<u> </u>		4.	700		
		9. COI	T ESTIMAT	ES					
		ITEM		U/N	a	UANTITY	COS		COST (8000)
AIRFIELD LIG	HTING			LS	Τ	-	-		4,240
SUBTOTAL				. -		-	_	- 1	4,240
CONTINGENCY	(5%).			. -	1	-	-		210
TOTAL CONTRA	CT COS	st		• -		-	-	ì	4,450
SUPERVISION,	INSPE	CTION AND OVERHEA	D. (5.5	8) -		-	-	ĺ	250
TOTAL REQUES	т			. -		-	-	1	4,700
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIO	NS -		-	-		(0)
	E É PARE	NEED PRINCE SUPTION							

Install concrete encased conduit, hand holes, man holes, airfield lighting fixtures, electric power vault, transformers and switchgear; removal of direct burial conduit, light fixtures, vault.

11. REQUIREMENT: As Required.

PROJECT: Installs a modern airfield lighting system. (Current mission.) REQUIREMENT: A reliable and effective airfield lighting system for flight safety at night and during hours of reduced visibility.

CURRENT SITUATION: The existing 25 year-old airfield lighting system employs direct burial cable. The original switches are deteriorated and unreliable, creating a safety hazard. Airfield lighting failures have contributed to accidents, such as a pilots running off the airfield pavement during taxiing manauvers. Airfield lighting failures have also resulted in C-5A aircraft, ased to deliver and transport Army helicopters and supplies, being diverted to other outlying airports at additional costs. The existing vault is also in very poor condition and too small to adequately house updated regulators, switchgear, and standby generating equipment.

IMPACT IF NOT PROVIDED: The lighting system will continue to deteriorate and become more difficult to maintain for a fully operational state. The effectiveness of the aviation training programs will be diminished.

(Continued on DD 1391c)

DD: 50AM 1391 S/N 0102 I.F-001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

. COMPONER	11			2. DATE
NAVY		FY 1	19 <u>91</u> MILITARY CONSTRUCTION PROJECT DATA	`
3. INSTALLA	TION A	ND LOC	ATION	
NAVAL ATS	D ፍጥል	TION	CORPUS CHRISTI, TEXAS	
4. PROJECT T	ITLE	1110117	S. P.F	OJECT NUMBER
AIRFIELD	LIGH	TING		P-270
12, SUP	PLEME	NTAL	DATA:	
a. Military			design status: (Project design conforms to 1190, "Facility Planning and Design Guide.")	
	(1)	Stat	us:	
		(a)	Date Design Started	
		(b)	Percent Complete as of January 1990 Date Design 35% Complete	
		(d)	Date Design Complete	
	(2)	9		
	(2)	Basi: (a)	s: Standard or Definitive Design: Yes	No X
		(b)		N/A
	(3)	Tota (a) (b) (c) (d) (e)	l cost (c) = (a) + (b) or (d) + (e): Production of Plans and Specifications All Other Design Costs Total Contract	(<u>60</u>) (<u>210</u>)
	(4)	Cons	truction start(mon	12-90 th and year)
b. from othe			associated with this project which will be iations: None.	provided
			•	

•	INSTALLATIO	N AND LC	CATION			4. COMMA	₹D		15	AREA CO	
	NAVAL TECH DETACHMEN				, TEXAS		TION AND		G	. 88	
	PERSONNEL STRENGTH		PERMANEN'			STUDENTS			SUPPORTE	D	TOTAL
٠.	AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	
ь.	09/30/88 END FY	۰	•	C	۰	•	٥	۰	•	0	
	1994	4	119	46	12	580	110	0	0	0	87
_				7.	INVENTO	RY DATA ((000				
	TOTAL ACRI		E 0E 20 EI			NT OF LACE		_	_		
	INVENTORY AUTHORIZA								0 11,800		
a.	AUTHORIZA' AUTHORIZA'	TION REOL	JESTED IN	THIS PRO	GRAM				11,800		
	PLANNED II								0		
٥.	REMAINING	DEFICIE	NCY						° ° ° ° °		
_	GRAND TOT						· · · ·		23,600		
3.	PROJECTS R	EQUESTED	IN THIS	PROGRAM:							
CA	TEGORY							c	OST	DESIGN :	STATUS
_	CODE		PROJECT				SCOPE		000.		COMPLE
7	21.11 BA	CHELOR EI Total	NLISTED OL	JARTERS			144,000	SF	11,800	07/86	12/87
ð.	FUTURE PRO		LOWING PE	ROGRAM					<u>-</u>		
	A. INCLUDE NONE B. MAJOR F NONE MISSION OF	PLANNED PLANNE	NEXT THREE	YEARS:							
	A. INCLUDE NONE B. MAJOR F NONE MISSION OF Train secur	PLANNED P	NEXT THREE	YEARS:	ne prote						
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF Train Secur Sabot	PLANNED N R MAJOR P TTY, and tage, ter	FUNCTIONS TY and characteristics TOTAL TOT	YEARS:	ne prote losses.	ction of P	Navy's as:				
10.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS:	ne protections	ction of P	00) 0				
10.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TY AND STEMENT	YEARS:	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS:	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
10.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
0.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				
10.	A. INCLUDE NONE B. MAJOR F NONE MISSION OF TRAIN SECURE SABOL OUTSTANDIF F: POLLUTE SECURE INSTAL	MAJOR MAJOR	UNCTIONS TO AND STEEMENT	YEARS: VILIAN PER and the prother other	ne protections	ction of P	00) 0				

1. COMPONENT	FY 1	19 <u>91</u> MILITARY CO	NSTRUC	TION PR	OJECT DA	TA 2.	DATE
3. INSTALLATION	ND LOC	ATION		4. PROJEC	TTITLE		
NAVAL TECHNIC	AL TR	AINING CENTER DETA	CHMENT	,			
LACKLAND AIR				BACHE	LOR ENLIS	TED OU	ARTERS
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNUMBER		ECT COST	
					J		
0804796N		721.11	P-(002	1	1,800	
		9. COI	T ESTIMAT	E\$			
		ITEM		U/M	QUANTITY	UNIT	COST (\$000)
		UARTERS		. SF	144,000	65.00	9,360
		ies		. -	-	-	1,290
		tion fratures		. LS	-	-	(250)
ELECTRICAL				. Ls	-	-	(210)
		ries		. LS	-	-	(340)
PAVING AND	SITE	improvement, demoi	LITION.	. Ls	-	-	(490)
SUBTOTAL				. -	-	-	10,650
CONTINGENCY (. [-	-	-	530
TOTAL CONTRAC	T COS	I		. -	-	-	11,180
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	. -	-	-	620
TOTAL REQUEST					-	-	11,800
EQUIPMENT PRO	VIDED	FROM OTHER APPROI	PRIATION	15 -	- (NC	N-ADD)	(0)

Four three-story reinforced concrete frame buildings with drilled pier foundations, two one-story reinforced concrete frame buildings with concrete mat foundations, concrete floors, masonry walls, standing seam metal roof systems, fire protection systems, air conditioning, utilities; 171 two-bedroom modules with private bathrooms, lounges, laundry, storage, vending, mechanical equipment; demolition of six buildings. Grade mix: 684 El-E4. Total: 684.

11. REQUIREMENT: 684 PN. ADEQUATE: 0 PN. SUBSTANDARD: 0 PN. PROJECT: Provides adequate billeting for 684 enlisted Navy students assigned to the physical security training center. (Current mission.) REQUIREMENT: Adequate housing for 684 Navy students undergoing training in physical security. Increasing levels of terrorism and radical activities have dictated improved training in all aspects of security for Naval personnel and Navy assets. Training is planned at this location to take advantage of existing Air Force facilities and courses of instruction in physical security.

CURRENT SITUATION: The Air Force has no berthing spaces available for Navy

IMPACT IF NOT PROVIDED: Students will not be assigned to the facility, or will be housed in commercial spaces at significantly higher costs. Training capabilities will be derogated and the potential for political embarrassment and significant real damage will continue.

(Continued on DD 139.c)

DD, FORM, 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

. COMPONEN	۱۳		2 DATE
NAVY		FY 19 <u>91</u> MILITARY CONSTRUCTION PROJECT	DATA
3. INSTALLA	TION A	AND LOCATION	
NAVAT MEC	SHATE	CAL TRAINING CENTER DETACHMENT, LACKLAND AFB	MEVAC
4. PROJECT T		AL PRAINING CENTER DETACHMENT, ENCRUMNU AFB	S. PROJECT NUMBER
BACHELOR	ENLI	ISTED QUARTERS	P-002
12. SUPE	LEME	ENTAL DATA:	
. a.		imated design status: (Project design confo	was to Bant II of
		book 1190, "Facility Planning and Design Gu	
		•	•
	(1)	Status: (a) Date Design Started	7_06
		(b) Percent Complete as of January 1990	100
		(c) Date Design 35% Complete	
		(d) Date Design Complete	12-87
	(2)	Basis:	
		(a) Standard or Definitive Design:	YesNo_X
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a) Production of Plans and Specification	is(560_)
		(b) All Other Design Costs	
		(c) Total	
		(e) In-house	
	(4)	Construction start	
			(month and year)
ь.	Equi	ipment associated with this project which wi	ll be provided
from other	_	opropriations: None.	•

1. COMPONENT	i							1.2	2. DATE	
NAVY		FY	199: MIL	ITARY C	ONSTRUC	TION PRO	OGR/M	İ		
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND.		. !	S. AREA CO	
HEADQUART ARLINGTON						ANDANT OF	THE	, ,	1.04	NUEA
6. PERSONNEL	1	PERMANEN'	T		STUDENTS			SUPPORTI	ED	Γ
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	TOTAL	
a. AS DF 09/30/88	1235	1260	1237	0	0	0	0	-	-	3732
D. END FY 1994	1 151	1069	1317		٥	٥		0	0	3537
	<u> </u>		7.	INVENTO	RY DATA ((000	•			
a. TOTAL ACR D. INVENTORY C. AUTHORIZA d. AUTHORIZA d. / JTHORIZA f. PLANNED I g. REMAINING h. GRAND TO	TOTAL A: TION NOT TION REGI TION INC: N NEXT TO DEFICIES	YET IN II UESTED IN LUDED IN I MREE PROGINCY	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM				26,980 3,020 2,800 0 1,090 36,550 70,440		
CATEGORY								057	DESIGN S	
	NERAL PUI	PROJECT RPOSE WAR				36,500	SF(2,800 2,800	51ART (02/90
								0.000		
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B: POLLO B: INSTA C: OCCUP	LLATION I	RESTORATI		(OSH) :		0				

DD FORM 1390 1DEC76 PAGE NO. ₹ 385

1. COMPONENT																2. D.	ATE	
NAUV	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA													1				
3. INSTALLATION	AND LOC	ATION					_			7	4. PI	ROJECT	OJECT TITLE					
HEADQUARTERS			s.							-			. , , ,	_				
ARLINGTON, V			~,							- 1		ENER	AL P	URPOS	E WA	REHO	MSE	
5. PROGRAM ELEM		6. CATE	GORY	CO	DE		7.	PR	101	ĒÇ		MBER		B. PROJ				
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		ITE	м									U/M	QUA	NTITY		IIT ST	COS	
GENERAL PURP	OSE WA	REHOUS	Ē	-	•						-	SF	36	,500	-	.	1,	760
BUILDING .												SF	36	,500	44.	00	(1,	620)
BUILT-IN E	QUIPME	NT										LS		_	-	.	(140)
SUPPORTING F	ACILIT	IES		•	•	•	٠,	•				-		-	-	.		770
ELECTRICAL	UTILI	TIES .										LS		-	-	.	(400)
MECHANICAL	UTILI	TIES .		•				•	•	•	•	LS		-	-	•	(200)
PAVING AND	SITE	IMPROV	EMEN	T.	•	•	٠	•	•	•	•	LS		-	i -	•		170)
SUBTOTAL				•	•	•	•	•	•	•	•	-	i	-	-	•	2,	530
CONTINGENCY	(5%) .			•	•	•	•	•	•	•	•	-		-	-	-		120
TOTAL CONTRA	CT COS	T		•	•	•	•	٠	•	•	•	-	1	-	-	• '	2,	650
SUPERVISION,	_		AND	OV	ERF	IEA	D	(5	. 5	8)		-	l	-	-	•		150
TOTAL REQUES			• •	٠	•	•	٠	٠	٠	٠	•	-	1	-	-	•		800
EQUIPMENT PR	OVIDED	FROM	OTHE	R	APE	PRC	PP	RI.A	TI	01	NS	-		- (NON-	-ADD	(0)
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10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame warehouse building, concrete foundation and floor. masonry walls, built-up roof, 18-foot stacking height, elevator, electronic utility monitoring system, special security areas, loading docks, vehicle wash platform, forklift charging station, rack-mounted fire protection system, air conditioning, utilities.

11. REQUIREMENT: 36,500 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs storage facilities to house and consolidate logistics service support for headquarters Marine Corps organizations and assigned military personnel in the Washington Capital Region. (Current mission.) REQUIREMENT: Adequate facilities to execute the Marine Corps mission of Headquarters Battalion in the Washington DC area as regards organic supply and warehousing functions. Modernization and upgrading of Henderson Hall (HH) facilities commenced in 1980 and is on-going. This project complements the previous project and sustains steady progress toward conversion of HH into a modern, efficient installation capable of collectively satisfying the ever-escalating service needs of Headquarters Marine Corps and manifesting the high standards of the Corps to the public. CURRENT SITUATION: Existing facilities are inadequate, unsafe, inefficient, and uneconomical to operate given present mission demands and anticipated future contingencies.

(Continued on DD 1391c)

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NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA Z. DATE
3. INSTALLATION	AND LOCATION	······································
HEADOUARTERS	MARINE CORPS, ARLINGTON, VIRGINIA	
4. PROJECT TITLE		S. PROJECT NUMBER
GENERAL PURP	OSE WAREHOUSE	P-006
be seriously costs and in space leasin fire and saf	T PROVIDED: Supply and warehouse mission effectingaired. Degraded support capabilities of Hefficiencies will be experienced as a result of the detached operations, and finishing upgrades ety standards in existing facilities.	H. Increased of warehouse
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid	
(1)	Status: (a) Date Design Started (b) Percent Complete as of January 1990 (c) Date Design 35% Complete (d) Date Design Complete	<u>90</u> <u>2-87</u>
(2)		YesNo_X_
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(\$000) (_160) (_60) 220 (_190)
(4)		1-91 month and year)
-	ipment associated with this project which will opropriations: None.	be provided

DD 1 DEC 76 1391c S/N 0102-LF-001-3016

٦.	COMPONENT									2. DATE	
	NAVY		FY	1991 M IL	ITARY C	ONSTRUC	TION PRO	GRAM	Ì		
3.	INSTALLATIO	N AND LO	CATION			4. COMMAI	ND			S. AREA C	
	MARINE CO						ANDANT OF NE CORPS	THE	1	.92	INDEX
6.	PERSONNEL		PERMANEN'	 Т		STUDENTS			SUPPORT		1
	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		TOTAL
ļ	. AS OF 09/30/88	141	614	5	0	0	0	0	0	0	760
•	. END FÝ 1994	10	150	5			0	187	507	108	967
Г		<u> </u>		7.	INVENTO	RY DATA	(000				
c d e f g h	INVENTORY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED II REMAINING GHAND TOI	FION NOT FION REQU FION INCI N NEXT TO DEFICIE AL	YET IN II JESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PRO FOLLOWING RAM YEARS	GRAM	· · · · ·			8,770 6,950 2,850 0 6,200 7,730 32,500		
	ATEGORY CODE		PROJECT	TITLE			SCOPE		BOODI		STATUS COMPLETE
	610.10 DP	RATIONS TOTAL	CENTER				22,710	SF	2,850 2,850	Q6/87	01/90
10	and : to c: Marii	PLANNED P MINISTRATE R MAJOR 1 de faci such other bommands a ne Detach	NEXT THREE FIVE BLDG FUNCTIONS lities to br units a at Camp E nment, Cor	E YEARS: : support as may be lmore; Ma mmander i	assigne rine Bar n Chief,	ters, Fled and to pracks, No. Atlantic	et Marine provide d rfolk, Vi Fleet.	1 Sburs in	Atlantic		
11	A: POLLU	TON ABA	TEMENT		FICIENCI	ES: (\$0	-				
	B: INSTAI C: OCCUP		RESTORATION SAFETY AND		(OSH):		0				

PAGE NO. 388

DD FORM 1390 1DEC76 1. COMPONENT 2. DATE FY 19_91_MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION MARINE CORPS DETACHMENT, CAMP ELMORE, VIRGINIA OPERATIONS CENTER 6. CATEGORY CODE S. PROGRAM PLEMENT 7. PROJECT NUMBER 8. PROJECT COST (\$000) P-801 2,850 0206496M 610.10 9. COST ESTIMATES U/M QUANTITY ITEM SF 22,710 1,780 (1,700)22,710 BUILDING SF 75.00 BUILT-IN EQUIPMENT LS 80) 790 SUPPORTING FACILITIES. SPECIAL CONSTRUCTION FEATURES. . . LS 50) LS 130) MECHANICAL UTILITIES LS 160) PAVING AND SITE IMPROVEMENT. . . . LS 450) SUBTOTAL 2,570 CONTINGENCY (5%) 130 2,700 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . _ 150 2,850 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS 0) - (NON-ADD)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story reinforced concrete and masonry building, pile foundation, concrete floors, brick facing, built-up roof over insulation on metal decking, administrative and armory spaces, security fencing and lighting, intrusion detection system, fire protection system, air conditioning, emergency generator, vault, utilities.

11. REQUIREMENT: 22,710 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs an administrative building to establish a consolidated Marine Amphibious Brigade (MAB) operations center. (Current mission.) REQUIREMENT: An adequate administrative building to accommodate consolidating the headquarters functions of the newly reorganized and expanded 4th MAB headquarters. The mission of the Headquarters, 4th MAB, Fleet Marine Force Atlantic, is to provide the command element for a brigade-sized Marine task force of integrated ground combat, aviation combat, and combat service support forces. This organization has grown from a nucleus planning staff of 61 Marine and Navy officers and enlisted personnel to a fully operational Marine air-ground task force headquarters of approximately 168 personnel, including an integral headquarters and service company. It provides the command, control, and coordination capability essential for effective planning and execution of exercise and contingency operations for a force of 10,000 to 17,000 Marines.

(Continued on DD 1391c)

DD1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		Į2. DATE
YVAN	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	_
WANTED CORDS	DEMOCRATION AND BUNCHE UTDOTATA	
MARINE CURPS	DETACHMENT, CAMP ELMORE, VIRGINIA	S. PROJECT NUMBER
4. PROJECT TITLE		J. PROJECT NOMBER
OPERATIONS C	enter	P-801
functionally miles. As t spaces. Pre different lo are located at three oth accommodate headquarters IMPACT IF NO results in sutilization accomplish t	MENT: (Continued) ATION: The headquarters functions are housed inadequate huildings scattered over a distance he staff expanded, it was necessary to find adsently, the headquarters functions are located cations. Headquarters and headquarters administ two sites, and motor transport, supply, and er sites. When the MAB is fully expanded, the the 26 functional sections of general and spect, and a portion of the eight functional section and service company. T. PROVIDED: Lack of adequate and consolidated evere coordination and communication problems, of resources, and loss of valuable time. The he assigned missions will continue to be degratational readiness.	e of three ditional work in five strative support the armory are ese sites will rial staff of the ons of the work spaces inefficient ability to
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid	
(1)	Status: (a) Date Design Started(b) Percent Complete as of January 1990 (c) Date Design 35% Complete(d) Date Design Complete	100 5-89
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X
-	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>100</u>) <u>260</u> (<u>210</u>)
(4)		12-90 (month and year)
	ipment associated with this project which will ppropriations: None.	l be provided

1. COMPONENT		FY	1	2. DATE							
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND					
NAVAL SPAC Dahlgren.			STEM,		O O O O O O O O O O O O O O O O O O O						
STRENGTH		PERMANEN	r		STUDENTS			SUPPORT	ED	TOTAL	
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER		 		ļ		ļ	
09/30/88 b. END FY 1994	21	25 56	146 171	1	1			1	1	1	
			L	<u> </u>	<u> </u>		<u> </u>			1	
c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED IN g. REMAINING	TOTAL ASTRONOMY TON NEXT TO DEFICIE	YET IN II UESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM				9,800			
CATEGORY		9 00 1507									
143.17 SP	CE SURVI	PROJECT EILLANCE						9,800		_	
as d	intain :	constan	t surveil								
11. OUTSTANDIN A: POLLU B: INSTA	ION ABA	TION AND	ON		<u>ES</u> : (<u>\$</u> C	0					

1. COMPONENT	FY 1	9 <u>91</u> MIL	ITARY	co	NST	RU	CTIO	N PR	OJECT DA	TA 2. 0	ATE			
3. INSTALLATION A	ND LOC	ATION					4. P	ROJECT	TITLE					
NAVAL SPACE SURVEILLANCE SYSTEM, LAHLGREN, VIRGINIA SP								SPACE SURVEILLANCE CENTER						
5. PROGRAM ELEME	NT	6. CATEGOR	Y CODE		7. Pf	HOJE	CT NL	MBER	8. PROJ	ECT COST (8000)			
0102427N		143					249		9	.800				
			_ <u> </u>	CO	TES	TIMA	TES			,				
	·	ITEM	- 					U/M	QUANTITY	UNIT	COST (\$000)			
SPACE SURVEIL BUILDING . BUILT-IN EQ SUPPORTING FA	UIPME	NT		•	• •	• •	•	SF SF LS	51,000 51,000 -	- 104.00 - -	7,120 (5,320) (1,800) (1,730)			
ELECTRICAL MECHANICAL PAVING AND	UTILI	ries	ent.	•	• •	• •	•	LS LS	-	-	(830) (240) (660)			
SUBTOTAL CONTINGENCY (TOTAL CONTRAC SUPERVISION, TOTAL REQUEST EQUIPMENT PRO	T COS INSPE	r CTION & C			• •			11111	(- - - - - NON-ADD	8,850 440 9,290 510 9,800) (23,000)			

10. DESCRIPTIC. OF PROPOSED CONSTRUCTION

Two-story steel frame building, reinforced concrete spread foundation, concrete floors, masonry walls with brick facing, insulated built-up roof, TEMPEST shielding, high-altitude electromagnetic pulse (HEMP) protected core, computer flooring, elevator, emergency generators, electric power substation, fire protection system, utilities, air conditioning; several areas constructed to Secret Compartmented Information Facility (SCIF) standards; chilled demineralized water system.

11. REQUIREMENT: 51,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a space surveillance center including an alternate space defense operation's center (ASPADOC). (Current mission.) REQUIREMENT: Adequate and properly-configured facilities to accommodate a constant surveillance of space and to provide satellite data to fulfill Navy and national requirements. The Naval Space Surveillance System (NAVSPASUR) supports the operating forces by providing orbital elements,. vulnerability data, operational intelligence, and other space-object related information to fleet units. NAVSPASUR also supports the Space Command (SPACECOM), Space Defense Operations Center (SPADOC), by serving as the alternate Space Surveillance Center (SSC) capable of providing the full range of SSC products, functions, and responsibilities, operating and maintaining in-house computer facilities required to perform orbital and celestial mechanics computations, operating a telecommunications center, operating a Space Intelligence Communications (SPINTCOMM) Center to provide special purpose communication services. (Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

1. COMPONENT	i ·	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	1
3. INSTALLATION	AND LCCATION	
	SURVEILLANCE SYSTEM, DAHLGREN, VIRGINIA	
4. PROJECT TITLE		S. PROJECT NUMBER
SPACE SURVE	LLANCE CENTER	P-249
spaces on the waiver for a to permit continuing a spansion of modification information and 1993 and 1999 enhance commission functionally 1991. The inadequate in IMPACT IF Normissions in continuing a current SPAI	NATION: NAVSPASUR occupies grossly overcrowded tree different levels of a building constructed automated data processing (ADP) security is curtassified ADP operations. The area immediately become the center of the host's personnel sugst the building is not practical and prohibitive is would be necessary to accommodate the planner processing at classification levels above SECF, NAVSPASUR requires and will receive new complete, and modernized graphic displays and operationand and control functions. NAVSPASUR has been etions resulting in an approved personnel growth is increase in staff cannot be accommodated in	I in 1941. A crently in force of surrounding the oport complex. Ely expensive ed assumption of RET. Outer equipment in ions consoles to in assigned new ch from 144 to 201 in the present out its present es with a cry out the
12. SUPPLEM	MENTAL DATA:	
1	cimated design status: (Project design conformation of the design Guidook 1190, "Facility Flanning and Design Guidook 1190,"	
(1)	Status: (a) Date Design Started	<u>100</u> 3-89
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	Yes No X
(3,	(a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>220</u>) (<u>890</u> (<u>780</u>) (<u>110</u>)
1	(Conti	nued on DD 1391c)

COMPONENT	FY 19 <u>91</u> MIL	ITARY CONSTRU	CTION PROJECT D	ATA Z. DATE
NAVY				
·······	AND EGGATION			
	SURVEILLANCE S	YSTEM, DAHLGREN		
PROJECT TITLE				5. PROJECT NUMBER
SPACE SURVEI	FY 19_91 MILITARY CONSTRUCTION PROJECT ALLATION AND LOCATION A SPACE SURVEILLANCE SYSTEM, DAHLGREN, VIRGINIA ECT TITLE SURVEILLANCE CENTER SUPPLEMENTAL DATA: (Continued) (4) Construction start			P-249
12. SUPPLEM	ENTAL DATA	Continued)		
5011554	`			
(4)	Construction	start		1-91
			(month and year
b. Equ	ipment associa	ted with this pr	oject which will	be provided
from other a	ppropriations:			_
			Fiscal Year	
Equipment		•	Appropriated	Cost
Nomenclature	:	Appropriation	or Requested	<u>(\$000)</u>
Miscellaneou	s	OPN	1992-1994	23,000
technical a				
intelligence				•
communication				
equipment				
	•			

1. COMPONENT		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
3. INSTALLATI	ON AND LO	CATION			4. COMMA	ND			5. AREA CO	INSTR.
		CTION SYS	TEMS SUPP	דאם	i	L SEA SYST	rems	:	COST I	
		K, VIRGIN			COMM				.92	
6. PERSONNEL STRENGTH		PERMANEN	T		STUDENTS	; ;		SUPPORT	rED	TOTAL
A. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	DCIVILIAN] ''''
09/30/88 b. END FY	44	70	238	0	0	٥	C	-	0	352
1994	49	105	250	0	0	0	0	0	0	404
			7.	INVENTO	RY DATA	(000)				
b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN II DESTED IN LUDED IN I HREE PROGI	NVENTORY THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM				6,330 0 0 0 0 0		
CATEGORY								OST	DESIGN :	STATUS
143.40 CO	MDIITED DI	PROJECT ROG OPS C				\$00PE 43,820 S		6,330	11/88	COMPLETE 01/90
	TOTAL							6,330		
9. FUTURE PR	OJECTS:									
A. INCLUD NONE B. MAJOR										
NONE		TEAT THE	· ICARS.		•					
tact modi acco comp tain	lan, des ical comp fy, enhar rdance w uter prog ence; and	ign, const outer prop nce and d oth evolvi grams in s	truct, and grams for istribute ing fleet support of ide techn	the Ope operation required f compute	rating Foo omal and ' ments; to er program	r Combat [rces; to c training p provide i m developm nd compute	correct, programs ancillal ment and	update, in ry main-		
11. OUTSTANDI			AFETY DE	ICIENCI	ES: (\$00					
A: POLLU B: INSTA C: OCCUP	LLATION F			(DEH) -		0				
J. 0000P	ALTONAL S	PATEIT AND	O DEALIM	(U3F):		•				
				-						
								_		
								•		

1. COMPONENT NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA									2. D.	ATE			
3. INSTALLATION AND FLEET COMBAT DI		-	STEMS	SUPP	ORT			ROJECT TITLE COMPUTER PROGRAMMING						
ACTIVITY, DAM N	·									NS CEN	TER A	ADD!	TION	
S. PROGRAM ELEMENT		6. CATEG	ORY CO	DE	7. PR	OJEC	TNU	MBER		8. PROJI	CT CC	ST (\$	(000	
0702896N		14	3.40				983			6	,330			
				9. CO	ST EST	IMA	28							
		ITEM	•					U/M	Qυ	NTITY	COS		(\$00	
COMPUTER PROGRA	MMI	G OPS	CENTE	RADD	ITIO	N.	•	SF	4:	3,820	-		4,	70
BUILDING ADDI	TIO	١						SF	4.	3,820	71.	0G]	(3,	120)
BUILT-IN EQUI	PME	·· . T					•	LS		-	-	1	(1,	350)
SUPPORTING FACI	LIT	tes					•	-	l	-	-	- (740
SPECIAL CONST	RUC'	TION FE	ATURES	5			٠	LS	l	-	-	- 1	•	280)
ELECTRICAL UT							•	LS	Į	-	-	i	(:	230)
MECHANICAL UT	ILI'	ries .			• •	• •	•	LS .		-	-		(70)
PAVING AND SI	TE :	IMPROVE	MENT.		• •	• •	•	LS		-	-	- 1	`-	100)
SUBTOTAL				• •	• •	• •	•	-	ļ	-	-	- 1		710
CONTINGENCY (5%					• •		•	-		_	-	- 1		290
TOTAL CONTRACT			• • •	• •	• •	• •	٠	-	Į	-	-	1	•	000
SUPERVISION, IN			OVER	HEAD	(5.5	₹).	•	-		-	-	j		330
TOTAL REQUEST.			• • •	• •	• •	• •	•	-		-	_			330
EQUIPMENT PROVI	DED	FROM C	THER A	APPRC	PRIA	TIO	NS	-		- (NON-	ADD	(20,	UUU)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story reinforced concrete frame and masonry building addition, pile foundation, built-up roofing, computer flooring, emergency generator, grounding, radio frequency shielding, uninterruptible power supply, intrusion detection system, fire protection system, air conditioning, utilities.

REQUIREMENT: 116,420 SF. ADEQUATE: 72,600 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs addition to computer programming operations center.

REQUIREMENT: Adequate space to house additional equipment and personnel in support of the growing number of ships to be equipped with advanced combat direction systems by 1990. Presently, about 500 advanced combat direction systems are operational. Ultimately, some 650 advanced combat direction and related systems will be supported on ships, aircraft, and submarines. Surface systems include guided missile cruisers, destroyers, frigates, and battleships. Air tactical data systems include the carrier based antisubmarine warfare module and the LAMPS MK III helicopter. Related combat systems include AEGIS, Tactical Data Link, Battle Group Anti-Air Warfare, Ada language system, and the latest mainframe and mini tactical computers. Additional space is required to design, test, maintain, and deliver to the fleet the tactical operations computer programs for these systems. CURRENT SITUATION: Available space and facilities are marginal for operation and support of the computers, peripherals, and other equipment (Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA
. INSTALLATION	NO LOCATION
	DIRECTION SYSTEMS SUPPORT ACTIVITY, DAM NECK, VIRGINIA
PROJECT TITLE	S. PROJECT NOMBER
COMPUTER PRO	GRAMMING OPERATIONS CENTER ADDITION P-983
CURRENT SITUS CURRENT SITUS CURRENT SITUS CURRENT SITUS LICENSES LICENSES CURRENT SITU	MENT: (Continued) ATION: (Continued) stalled in the central computer complex and cannot accommodate in advanced combat direction system equipped ships and if-station leasing of commercial space is not an alternative prohibitively expensive when properly-configured and required security features. I PROVIDED: Space will not be available for the installation of equipment required prior to introduction of new or modified tion systems into the fleet. Limited level of support for unction will have adverse impact on the operational readiness apability of Navy's aircraft and ships.
12. SUPPLEM	ENTAL DATA:
	imated design status: (Project design conforms to Part II of dbook 1196, "Facility Planning and Design Guide.") Status:
	(a) Date Design Started
(2)	Basis: (a) Standard or Definitive Design: Yes No X (b) Where Design Was Most Recently Used: N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e): (\$000) (a) Production of Plans and Specifications. (220) (b) All Other Design Costs. (360) (c) Total
(4)	Construction start3-91 (month and year)
	(Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	ATA	
3. INSTALLATION	AND LOCATION	
FLEET COMBAT	DIRECTION SYSTEMS SUPPORT ACTIVITY, DAM NECK,	VIRGINIA
4. PROJECT TITLE	,	S. PROJECT NUMBER
COMPUTER PRO	GRAMMING OPERATIONS CENTER ADDITION	P-983

12. SUPPLEMENTAL DATA: (Continued)

b. Equipment associated with this project which will be provided from other appropriations:

Equipment Nomenclature	Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)
ACDS Mini-Computer and High Speed Digital Switc	OPN	1988	2,000
Standard Simulation Systems	OPN	1989 - 1990	3,800
ACDS/Share/43 Peripherals	OPN	1989 - 1993	6,200
AN/UYK-43 Computer Systems, Peripherals	OPN	1988 - 1992	6,500
Uninterruptible Power System	OPN	1990 TOTAL	$\frac{1,500}{20,000}$

1.	COMPONENT		† ·	2. DATE							
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	ND.			S. AREA C	
 	MARINE EN			MS FACILI	TY,		ANDER IN C	!	.92	INDEX	
6.	PERSONNEL STRENGTH		PERMANEN'	r		STUDENTS			SUPPORT	ED	
	AS DF	OFFICER ENLISTED CIVILIAN OFF			OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
	09/30/88 END FY	35	285	29	۰	0	٥	٥	0	0	349
	1994	35	285	29	٥	0	٥	0	0	0	349
				7.	INVENTO	RY DATA	(000)				
	. TOTAL ACR		. ne 20 ci	CD 00		NT OF FCT			0		
J 0 4 0 D	AUTHORIZA: AUTHORIZA: AUTHORIZA: PLANNED II REMAINING GRAND TOT	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN IN JESTED IN LUDED IN I HREE PROGI	VENTORY. THIS PROFOLLOWING	GRAM PROGRAM				11,800 8,000 0 0 0 19,800		
Ç,	ATEGORY								OST		STATUS
-	CODE	EDS & MA	PROJECT				SCOPE LS	(\$	8,000	5TART 11/88	COMPLETE 01/90
		TOTAL							8.00		
10		PLANNED N	NEXT THREE	E YEARS:		requirem					
11		systems.				of marine		equ 1 porim	e nt		
	A: POLLU' B: INSTA	LLATION F	RESTORATIO				0				
	C: OCCUPA	ATIONAL S	SAFETY AND	HEALTH	(OSH):		0				
		'									

DD FORM 1390 1DEC76

1. COMPONENT	FY 19.91 MILITARY CONSTRUCTION PROJECT DATA										A 2. PATE		
NAVY	110 . 00					4 6	0.507	TITLE					
		_						TIONS AND					
									MAIN	TENA.	NCE		
DAM NECK, VII								ITIES					
5. PROGRAM ELEM	ENT	6. CATEGOR	Y CODE	7. Pf	OJEC	TNU	MBER	R. PROJ	ECT COS	T (800	(O)		
				1 _		_							
0805796N		155.			-33				,000				
			9. CO	ST ES	AMIT	LES	. —		·				
		ITEM					U/M	QUANTITY	COST		COST (\$000)		
OPERATIONS AL	ID MAI	NTENANCE	FACILITI	ES.		•	LS	_	-	$\neg \neg$	4,940)	
BOAT STORAG	E-OCE	ANA					SP	8,400	60.0	0	(500))	
HELICOPTER	ENCLO	SURE					SF	3,000	75.0	0	(220	3)	
VEHICLE DIS	SPATCH	OFFICE.					SF	300	77.0	0	(30	J)	
STORAGE BU	LDING	s					SF	4,140	60.0	0	(250	וֹנ	
TRAINING CO	MPLEX						SF	16,850	77.0	0	(1,300	3)	
BUILDINGS A	LTERA	TIONS				•	LS		-	j	(2,640	3)	
SUPPORTING FA	CILT	TES					۱_	-	_		2,280	ם .	
SUBTOTAL							_	_	_	İ	7,220	_	
CONTINGENCY				• •		•	۱_	_	_		360		
TOTAL CONTRAC			• • • •	•		•	_	_	۱ ـ	ŀ	7,580	_	
SUPERVISION,			VERHEAD	75.1	581.	•	_	_	_		420		
TOTAL REQUES			4 mr41#UD		/ •	•	_	_	1 -	1	8,000	-	
EOUIPMENT PRO				DDT	•	NG.	_		NON-A	אממ		0)	
POOTEMPAT PRO) 4 T D & C	FROM OTA	ER APPRO	L KI	3110	143		_ '	1000		, ,	• ,	
										- 1			
							1	ľ	1	1			

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One one-story, two two-story, one three-story reinforced concrete and masonry buildings, pile foundations, concrete floors, built-up roofing; one one-story masonry vehicle dispatch building; two one-story steel frame and metal siding storage buildings; fueling facility, wash racks; one one-story steel frame metal siding hangar; alterations to three buildings; reinforced concrete drying tower; fire protection system, air conditioning, ventilation, utilities.

11. REQUIREMENT: As Required.

PROJECT: Constructs boat storage facility at NAS Oceana. Constructs training facilities, helicopter enclosure, and operations and maintenance facilities at Fleet Combat Training Center Atlantic, Dam Neck to house the Marine Environmental Systems Facility (MARESFAC) detachment. (New mission.) REQUIREMENT: Operations and administrative offices, research craft maintenance, training facilities, helicopter enclosure, vehicle and other storage and maintenance facilities. The MARESFAC detachment provides oceanographic information and research services to the Fleet. In performing this mission, it uses helicopters and specialized boats and craft which are designed to be air transportable. These craft are outfitted with delicate instruments requiring extensive maintenance and calibration and proper storage facilities to prevent damage to equipment and boat machinery. The transport vehicles such as four-wheel drive trucks and boat trailers need a maintenance shop and storage facilities. An (Continued on DD 1391c)

DD 1 DEC 76 1391

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FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

NAVY

3. INSTALLATION AND LOCATION

MARINE ENVIRONMENTAL SYSTEMS FACILITIES, DAM NECK, VIRGINIA

4. PROJECT TITLE

OPERATIONS AND MAINTENANCE FACILITIES

P-335

11. REQUIREMENT: (Continued)

enclosure is required to keep the helicopters out of the elements and to provide a sheltered maintenance area. The detachment needs operations and administrative spaces for administrative functions and mission planning. Training facilities are necessary. Facilities are required at Dam Neck because this activity supports a majority of the MARESFAC activities, including helicopter, boat and vehicle maintenance. The detachment also uses NAS Oceana as its air transport site. It stores "ready-for-deployment" boats and craft at Oceana to reduce deployment time by eliminating the road transit from Dam Neck to Oceana. No maintenance facilities are available at Oceana and none are planned. Activity mission, personnel strength, and operational equipment are expanding and require additional facilities.

CURRENT SITUATION: Minimal boat storage and repair facilities are available at Dam Neck. Vehicle maintenance is performed in makeshift facilities. No helicopter enclosure is available. The MARESFAC detachment is now and will continue to receive additional personnel, equipment, boats, and transport vehicles over the next several years. A project approved in the FY 1989 MILCON budget will provide boat storage at both the Dam Neck and Oceana sites. This is the last of a four increment construction program to provide facilities for MARESFAC.

IMPACT IF NOT PROVIDED: The detachment will lack needed operations and

IMPACT IF NOT PROVIDED: The detachment will lack needed operations and administrative spaces. Boat and vehicle maintenance will be performed either outside or in minimal facilities. The facilities construction program will not keep pace with the detachment's growth. Readiness will be adversely impacted because of the inability to keep the equipment and boats maintained on a regular repair cycle.

12. SUPPLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")
 - (1) Status:

(a)	Date Design Started	11-88_
(b)	Percent Complete as of January 1990	100

- (2) Basis:

(a) Standard or Definitive Design:

Yes No X

(b) Where Design Was Most Recently Used:

(Continued on DD 1391c)

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

40

1. COMPONENT		2. DATE				
NAVY	FY 19 ⁹¹ MILITARY CONSTRUCTION PROJECT D	ATA				
3. INSTALLATION	3. INSTALLATION AND LOCATION					
MARINE ENVIR	NMENTAL SYSTEMS FACILITIES, DAM NECK, VIRGINI	A.				
4. PROJECT TITLE		S. PROJECT NUMBER				
OPERATIONS AN	D MAINTENANCE FACILITIES	P-335				
12. SUPPLEME	NTAL DATA: (Continued)					
. (3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>100</u>) <u>550</u> (<u>500</u>)				
(4)	Construction start	1-91 month and year)				
	pment associated with this project which will propriations: None.	be provided				

1. COMPONENT		FY	1991 MIL	TARY C	ONSTRUC	TION PRO	GRAM		2. DATE	
NAVY					,					
3. INSTALLATION AND LOCATION				4. COMMA	ND		ļ	5. AREA CONSTR.		
NAVAL AMPI LITTLE CR			٠			ANDER IN (NTIC FLEE		!	. 92	
S. PERSONNEL STRENGTH		PERMANEN	7		STUDENTS			SUPPORT	ED	1
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	CIVILIAN	TOTAL
09/30/88 b. END FY	1160	9979	1300	209	1453	0	57	429	0	14587
1994	1142	10160	1300	200	1629	0	57	430	0	14918
			7.	INVENTO	RY DATA	(000				
b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED II g. REMAINING h. GRAND TOT 8. PROJECTS R	TION NOT TION REOL TION INCL N NEXT TH DEFICIEN	YET IN IN JESTED IN JUDED IN F IREE PROGR	THIS PROFESSION YEARS	GRAM PROGRAM				64,850 59,770 21,850 16,700 16,120 68,650 47,940		
CATEGORY CODE		PROJECT	T171 E			SCOPE		:OST 	DESIGN	
213.75 LC/ 217.10 SUI	RTASS SUF	X (INCR) PPORT CENT V GRP OPE	I) ER ADN		-	LS 63,380 16,900	 SF	12,400 7,250 2,200 21,850	12/88 07/87 11/88	06/90 03/90 01/90
	ED IN FOL NDING CRA ALL ARMS CHELOR EN	AFT CUSHIC	N COMP			LS 9,100 118,080	SF SF	7.900 3.800 5.000		
B. MAJOR 5 179.10 EDI 740.74 CH		IG FAC	YEARS:			LS LS		4.950 1,500		
of the main	s as the	east coa	st opera	Force. I	Furnish h	mphibious omeport be upport an	erthing.	trainir	5 1g.	
Speci Beach Explo	ial Warfa 1 Group 1	inance Dis	Two		Amphibiou	s Construc s School quadron E		ittalion		
B: INSTAL	TION ABAT)N	-	ES: (<u>\$0</u>	<u> </u>				
						•				

1. COMPONENT	FY 1	19 <u>91</u> MILITARY CO	NSTRUC'	TION PI	ROJECT DA		ATE
NAVY	1415 1 55	4.710N		4. PROJE	CT TITLE		
3. INSTALLATION / NAVAL AMPHIB			1	-	ING CRAFT	ATD CHE	ער טע
		•			LEX (INCRE		
LITTLE CREEK		6. CATEGORY CODE	7. PROJEC			ECT COST (
S. PROGRAM ELEM	ENT	B. CATEGORY CODE	7. PROJEC	NUMBE		ECT COST	•0001
00047069		212.75	P-337	,	1 12	400	
0204796N		213,75	ET ESTIMAT			,400	
		- 1. CO	01 E01 mm A1			T	COST
		ITEM			QUANTITY	COST	(\$000)
LANDING CRAF	T AIR	CUSHION COMPLEX.				-	5,200
						1	
		ie		. SF		42.00	(1,130)
GRND SUPPT	EQUIE	STORAGE AND MAIN	II GARAGE			-	(320)
SOLID WAST	E TREA	TMENT FACILITY .				-	(460)
	_	INT		LS	3 -	-	(1,680)
		MIES		. -	-	-	6,000
		CTION FEATURES		. LS	1	-	(160)
				· Ls	į.	-	(1,140)
		IMPROVEMENT		. Ls	3 -	-	(<u>4,700</u>)
SUBTOTAL				. -	-	-	11,200
CONTINGENCY	(5%)			, -	-	-	560
TOTAL CONTRA	CT COS	ST		. -	-	-	11,760
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	• -	-	-	640
				. -	-	 -	12,400
EQUIPMENT PR	ROVIDED	FROM OTHER APPRO	PRIATIO	1S] -	- (NC	(DDA-NC	(0)
				İ			
		OSED CONSTRUCTION				-L	
General: Ma	inten	ance bay, general	warehous	se, gr	ounds suppo	ort equi	pment
storage and	mainte	enance garage, com	municat	ions s	curity va	ult, all	L nave
		frames, masonry be					
		croof: Solid Was					
		ted steel frame bu		mason	ry walls,	concrete	<u> </u>
		Loors, metal deck					
Maintenance	Bay: I	Fire protection sy	ystem, i	ntrusi	on detecti	on syste	em,
		stem, compressed	air syst	em, ve	ntilation,	400 Hz	electric
power, utili							
	nouse	: Pire protection	n system	, vent	itation, a	ir cond	ttioning,
utilities.		. = 131. =1					
	Treat	ment Facility: Fig	re prote	ction	system, ve	ntilatio	, 110
utilities.			_		. –		
		uipment Maintenand				rte bro	rection
system, cranes and hoists, ventilation, utilities.							
Comunications Security Vault: Fire protection system, communications							
system, radio frequency shielding, utilities.							
11. REQUIRE					· · · · · · · · · · · · · · · · · · ·		
PROJECT: PI	covide	s complete and us	able ope	ration	al, mainte	nance,	and
support fac:	ilitie	s capable of supp	orting t	he sec	ond increm	ent of	12 Landing
		(LCAC) vehicles					
1990's. (Ne	ew mis	sion.)					
İ		•		(Continued	on DD 1	391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 494

1. COMPONENT	FY 19 MILITARY CONSTRUCTION PROJE	ECT DATA
3. INSTALLATION NAVAL AMPHIB	and Location Ious Base, Little Creek, Virginia	
A. PROJECT TITLE		5. PROJECT NUMBER
LANDING CRAF	T AIR CUSHION COMPLEX (INCREMENT II)	P-337

11. REQUIREMENT: (Continued)

REQUIREMENT: The LCAC is an advanced landing craft that rides on a cushion of air and is capable of delivering personnel and equipment over sea and land. They are high-speed vehicles not restricted by surf and beach conditions and capable of lifting heavy equipment such as battle tanks across the beach from amphibious well-deck ships lying over-the horizon. LCAC's are highly complex craft powered by four marine gas turbine engines and require unique maintenance and support facilities not available outside the LCAC complex. There were delays in the initial development of the LCAC causing a delivery slip. However, operational tests and evaluation reports indicate that the LCAC's can now meet mission specifications. Congress has approved the first thirty craft through FY 1986. Eighteen more were included in the FY 1988/1989 biennial budget. Delivery of the first twelve craft to Little Creek began in 1987. Facilities to support this first delivery were completed in early 1987. Facilities are required to support the second increment of twelve craft. Ultimate base development is planned to support 45 craft with additional facility increments planned for the mid-1990's. This project will provide an additional maintenance bay capable of housing two of the large (87'x47'x23' high) craft. The bay will be constructed adjacent to the existing maintenance bay and shops. This project will also provide a warehouse, ground support equipment shed, solid waste transfer station, and additional taxiways and parking aprons. CURRENT SITUATION: An LCAC support complex was started on an undeveloped parcel of land using FY 1985 Military Construction funds. The first increment is complete and will support the first twelve craft. The completed facilities include a maintenance bay, maintenance shops, parking apron, taxiway to the water, control tower, operations facilities, noise surpressing earth berms, and wash rack. The first five LCAC's have been delivered with the remaining seven of the first squadron expected by 1990. The existing facilities can only accommodate twelve craft. Additional facilities are necessary for the remaining 33 craft. Construction has been programmed in increments tied to the delivery of the craft. IMPACT IF NCT PROVIDED: Maintenance and parking facilities will not be available for a second increment of twelve LCAC landing craft. Warehouse facilities for the whole complex will not be available.

12. SUPPLEMENTAL DATA:

a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")

(1) Status:

(a)	Date Design Started12-88	
(b)	Percent Complete as of January 1990	
(c)	Date Design 35% Complete	
(d)	Date Design Complete6-90	,

(Continued on DD 1391c)

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

COMPONENT		2. DATE
YVA	FY 19 91 MILITARY CONSTRUCTION PROJECT D	PATA
INSTALLATION	AND LOCATION	
	IOUS BASE, LITTLE CREEK, VIRGINIA	
PROJECT TITLE		5. PROJECT NUMBER
LANDING CRAF	r Air Cushion Complex (Increment II)	P~337
. SUPPLEM	ENTAL DATA: (Continued)	
(2)	Basis:	
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>220</u>) (<u>820</u> (<u>750</u>)
(4)	Construction start	1-91 month and year)

DD 1 DEC 76 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO: 496

1. COMPONENT	FY	19 91 MILITARY CO	NSTRUC	TIC	N PRO	DJECT L'A	ΓA 2. 0	ATE
3. INSTALLATION A	NO LOC	4 TION		7	ROJECT	*17.5		
NAVAL AMPHIBI								
3		•		ł		E WARFAR		
LITTLE CREEK,						OPERATIO		
B. PROGRAM ELEM	:NT	6. CATEGORY CODE	7. PROJEC	TNU	MBER	,8. PROJS	CT COST	\$000)
0204796N		610.10	P-204	4			2,200	
		9. CO	T ESTIMAT	TES				
		ITEM			U/A	BIT	UNIT	COST (\$000)
SURFACE WARFA	RE DE	VELOPMENT GROUP OF	PS FAC.	•	SF	16,900		1,610
BUILDING .					SF	16,900	85.00	(1,430)
BUILT-IN EQ	UIPME	NT		•	LS	-	-	(130)
TECHNICAL C	PERAT	ING MANUALS			Ls		_	(50)
SUPPORTING PA	CILIT	IES			1- 1	-	-	370
SPECIAL CON	STRUC	TION FEATURES			LS		-	(70)
ELECTRICAL	UTILI	TIES		•	LS	_	-	(70)
MECHANICAL,	UTILI	TIES			LS	-	_	(50)
PAVING AND	SITE	IMPROVEMENT		:	LS	_	_	(180)
SUBTOTAL					-		_	1,980
CONTINGENCY (51)				1- 1	_		100
TOTAL CONTRAC					1_	_	_	2,080
		CTION & OVERHEAD	(5.5%)	•	1_ 1	-	_	120
TOTAL REQUEST				•	1_	_	_	2,200
EQUIPMENT PROVIDED FROM OTHER APPROPRIATIO			NG.	1_ \	- (80	N-ADD)	(0)	
PACES TRUE LINE	4 1060	ERWI OTHER MEPRO	e writt Tor	171.7	_	- (110	1-AUU)	' '
					1 1			1
IA DECCRIPTION OF					!		L	L

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame building, pile foundation, concrete floors, engineered fill, elastomeric membrane roof, brick masonry exterior walls, computer flooring, intrusion detection system, fire protection system, shielding, communications system, uninterrupted power supply, air conditioning, utilities.

11. REQUIREMENT: 16,900 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Relocates administrative facilities currently housed in a World War II vintage structure located within the clear and noise zones of Norfolk International Airport. (Current mission.) REQUIREMENT: Relocate the administrative functions of the Surface Warfare Development Group (SWDG) from beneath the northern glide path of Norfolk International Airport's main runway. Adequate and properly-configured facilities for SWDG to support the Naval Surface Forces of the Atlantic and Pacific Fleets by developing and improving surface warfare tactics for embarking surface force ships and by installing and operating automatic data collection equipment for evaluation of at-sea exercises. Collected data is reconstructed on shore computer facilities; evaluated with the development of improvements to Pleet tactics; and manuals rewritten or updated, printed and distributed to the operational forces. Computer simulation of development tactics is conducted to determine effectiveness. SWDG also provides direct, personalized tactical support to tactical

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

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1. COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA C. PROJECT NUMBER 4. PROJECT TITLE SURFACE WARFARE DEVELOPMENT GROUP OPERATIONS FACILITY P-204

11. REQUIREMENT: (Continued)

commands through the conduct of tactical seminars, preparation of tactical planning packages, and maintenance of the Surface Warfare Data Base--a compendium of tactical lessons learned.

CURRENT SITUATION: SWDG functions are located in a building constructed as semi-permanent under wartime conditions during 1943. It is sited within the Norfolk International Airport's approach zone limits. A 1,500-foot runway extension completed in 1972 has resulted in noise levels from approaching aircraft in a range damaging to the human ear, and redefines the approach clear zone to include several administrative buildings including the SWDG building. During an Engineering Evaluation Inspection conducted in 1984, the building was found to be totally obsolete because of severe deterioration. The building was being renovated when it was discovered that the structural members supporting the floor and the steel wall stude had completely rusted through. A wind load analysis for this area indicates that a potential exists for a catastrophic failure of the entire building. Part of the building has already been evacuated which has severely impacted upon the ability of SWDG to perform their mission because of crowding in remaining spaces and dispersion of some functions to other areas of the base. IMPACT IF NOT PROVIDED: Administrative functions of SWDG will continue in

an existing deteriorating, potentially dangerous building subject to the extreme hazards of noise from low flying airplanes and the potential of a disaster of incalculable proportion. The potential for air disaster was underscored in December 1984 when a twin-engine Beechcraft crashed into the seawall between two of the base's piers on its approach to the airport. The development and evaluation of improvements to fleet tactics in support of the Naval Surface Forces will be severely hampered because of crowding in the deteriorated building and the separation of some functions from the main operations.

12. SUPPLEMENTAL DATA:

a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")

(1)	Status:
(1)	ocatus.

(a)	Date Design Started	<u> 11-88</u>
(b)	Percent Complete as of January 1990	100
(c)	Date Design 35% Complete	5-89
(d)	Date Design Complete	1-90

(2) Basis:

(a)	Standard or Definitive Design:	YesNo_X
(b)	Where Design Was Most Recently Used:	N/A
	(Continued	on DD 1391c)

DD 1 508M 1391c

PREVIOUS EDITIONS MAY SE USED INTERNALLY USED INTERNALLY UNTIL EXHAUSTED

T, COMPONENT		D. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DA	ATA
3. INSTALLATION	AND LOCATION	
NAVAI AMBUTE	[OIC BACE TIME CORPS WINGTHE	ļ
4. PROJECT TITLE	OUS BASE, LITTLE CREEK, VIRGINIA	S, PROJECT NUMBER
SURFACE WARFA	ARE DEVELOPMENT GROUP OPERATIONS FACILITY	P-204
12. SUPPLEM	ENTAL DATA: (Continued)	
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	220 180
(4)	Construction start	1-91 month and year)
	ipment associated with this project which will propriations: None.	be provided
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DD 1 DEC 76 13916

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

4 3>

1. COMPONENT	FY 19_91 MILITARY CONSTRUCTION PROJECT DATA									
3. INSTALLATION AND LOCATION 4. PROJECT TITLE										
NAVAL AMPHIB	COUS B	ASE.	i	S	URTA	SS SUPPOR	T CEN	TER		
LITTLE CREEK		•		_	DDIT					
S. PROGRAM ELEM		S. CATEGORY CODE	7. PROJEC			S. PROJE	CT COS	T (\$000)		
						1				
0204796N		217.10	P-41	8		7	,250			
		9. CO	T ESTIMA	TES .						
		ITEM			S)	QUANTITY	COST			
SURTASS SUPPO	ORT CE	NTER ADDITION		•	SF	63,380	-	5,540		
BUILDING .	• • •			•	SF	63,380	68.0	0 (4,330)		
BUILT-IN E	QUIPME	NT		•	LS	-	-	(1,210)		
SUPPORTING FA		•			-	_	-	1,000		
		TION FEATURES	• • • •	•	LS	-	-	(180)		
ELECTRICAL		•		•	LS	-	-	(160)		
MECHANICAL			• • • •	•	LS	-	-	(120)		
	SITE	IMPROVEMENT, DEMO	LITION.	•	LS	-	-	(540)		
SUBTOTAL			• • • •	•	-	-	-	6,540		
CONTINGENCY		•	• • • •	•	-	-	-	330		
TOTAL CONTRAC			• • • •	•	-	-	-	6,370		
		CTION & OVERHEAD	(5.5%).	٠	-	-	_	380		
TOTAL REQUEST			• • •	•	-			7,250		
EQUIPMENT PRO	ONIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NC	N-ADD) (0)		
	E ANOPO	SED CONSTRUCTION								

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame building, pile and grade beam foundation, concrete flooring, elastomeric membrane roofing, pre-cast concrete exterior walls, intrusion detection system, 400 HZ electric power, bridge cranes, fire protection system, radio-frequency shielding, air conditioning, vaults, test tank enclosures, grounding, utilities; demolition of two buildings.

11. REQUIREMENT: 108,800 SF. ADEQUATE: 45,420 SF. SUBSTANDARD: 0 SF. PROJECT: Provides an addition to the Surveillance Towed Array Sensor System (SURTASS) support center for increased support functions to accommodate existing and additional programmed Atlantic Fleet SURTASS ships comeported at Little Creek. Second-flight ships will begin arriving in early 1989. (New mission.)

REQUIREMENT: Adequate facilities to support SURTASS ships deployed in the Atomic area. The SURTASS data is sent via satellite link to shore facilities for processing and further transmission to ASW forces. Raw data tan also be sent to ASW ships in the area. The SURTASS array is a maxible, tube-like structure containing numerous hydrophones towed with a support cable. The array generates data at a very high rate. On-board processors lower the rate before transmission to satellites. The ships are 224-feet long and are manned by civilian crews and Navy technicians. The acquisition of the ships was slowed in the early 1980's because of fiscal constraints, but is now on track with the next ten of sixteen authorized.

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 41 ()

1. COMPONENT	FY 19MILITARY CONSTRUCTION	ON PROJECT DATA					
MAVAL AMPHIB	OUS BASE, LITTLE CREEK, VIRGINIA						
4. PROJECT TITLE		S. PROJECT NUMBER					
SURTASS SUPPORT CENTER ADDITION							

11. REQUIREMENT: (Continued)

The number of homeported ships assigned to Little Creek will increase from six to fourteen. The other ships will be homeported at Coronado, CA. Required shore support functions include training, equipment storage and maintenance, large lay-down areas for the towed array, cable repair and storage areas, water tank test areas, and administrative office and personnel areas. Additional shore facility support functions not originally envisioned, such as satellite data links, have been assigned and the number of support personnel has been increased, requiring more facility space.

CURRENT SITUATION: The existing facility constructed in 1985 was designed to support six SURTASS ships. The SURTASS concept has proven to be more successful than planned and the roles and missions of the SURTASS ships have been expanded. This requires more shore support than the original concept called for in the FY 1984 MILCON project. The existing facility is not large enough to accommodate support functions for the additional eight ships and the new missions and personnel assigned to the SURTASS program. The eight additional ships are either currently under design or construction contract. The ships will not only increase in number, but in the amount of complex equipment they carry. The shore support facilities need to be capable of handling four ships in port at one time. Each ship is expected to spend approximately 15 days in port between 60-day deployments. Little Creek is the only Atlantic Fleet SURTASS homeport and provides all shore support. No other facilities exist at Little Creek that can support the new facilities requirement.

IMPACT IF NOT PROVIDED: Facilities will not be available to support the expanded SURTASS program. Ships will be delayed in port because of the inability of the shore complex to get them ready for deployment. Ship readiness will be degraded with the potential of not being available to the fleet to fill gaps in its underwater surveillance system.

12. SUPPLEMENTAL DATA:

a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")

(1) Status:

(a)	Date Design Started	7-87
(b)	Percent Complete as of January 1990	85
(c)	Date Design 35% Complete	11-87
	Date Design Complete	

(Continued on DD 1391c)

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	2. DATE						
NAVY		ATA						
3. INSTALLATION	AND LOCATION							
NAVAL AMPHIBIOUS BASE, LITTLE CREEK, VIRGINIA								
4. PROJECT TITLE		5. PROJECT NUMBER						
SURTASS SUPPO	ORT CENTER ADDITION	P-418						
12. SUPPLEM	ENTAL DATA: (Continued)							
(2)	Basis:							
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	YesNo_X						
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)						
	(a) Production of Plans and Specifications.	(400)						
li	(b) All Other Design Costs(c) Total	(<u>160</u>)						
	(d) Contract	(500)						
	(e) In-house							
(4)	Construction start	1-91						
		month and year)						
b. Equi	ipment associated with this project which will opropriations: None.	. be provided						
	•							
•								
	•							
		l						

1 COMPONENT 12. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM											
3.	INSTALLATIO	N AND LO	CACION		-	4. COMMA	ND		: 5	. AREA CO	
	NAVAL AMP				•		F OF NAVAD	G !	:		
	PERSONNEL STRENGTH		PERMANEN'		1	STUDENTS			SUPPORTE		TOTAL
۵.	AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	Į
ь.	09/30/88 END FY 1994	24	142	14	37 46	312	0	0	0	. 0	462 537
						RY DATA (-	
b.cd.efg.h.	TOTAL ACRINVENTORY AUTHORIZA AUTHORIZA AUTHORIZA PLANNED IN REMAINING GRAND TOT	TOTAL A: TION NOT TION REQ TION INC N NEXT TO DEFICIE TAL	YET IN IS UESTED IN LUDED IN I HREE PROGI	THIS PROFOLLOWING	GRAM PROGRAM				0 640 2.240 0 0 0 2.880		
GA	TEGORY CODE TR/	- <u>-</u> -	PROJECT	TITLE			SCOPE LS 11,300		800 1,440 2,240		
10.	unit: amph	PLANNED I	NEXT THREE FUNCTIONS himp for a	E YEARS:	an optim e traini	and allie um state ng in shi	of readin	ess for		· · · · · · · · · · · · · · · · · · ·	
11.		TION ABA	TEMENT		FICIENCI	<u>E5</u> : (<u>\$0</u>	- 0				
	B: INSTAL C: ØCCUPA		RESTORATIO SAFETY AND		(OSH):						
	•										

1. COMPONENT 2. DATE FY 19_91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE LANDING CRAFT AIR CUSHION NAVAL AMPHIBIOUS SCHOOL. LITTLE CREEK. VIRGINIA TRAINING FACILITY S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) P-366 1,440 0805796N 171.35 9. COST ESTIMATES ITEM U/M QUANTITY 1,170 LANDING CRAFT AIR CUSHION TRAINING FACILITY. 11,300 (1,070)SF 11,300 95.00 (100) LS 130 SPECIAL CONSTRUCTION FEATURES. LS 70) UTILITIES, PAVING AND SITE IMPROVEMENT . . LS 60) 1,300 70 1,370 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 70 1.440 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD) (17,300)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete frame and masonry building, concrete foundation and floor, built-up roof, computer flooting, two high-bay areas with hoists, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 11,300 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a Landing Craft Air Cushion (LCAC) vehicle training facility. (New mission.)

REQUIREMENT: Adequate facilities for instructing personnel in the operation and maintenance of LCAC vehicles. These vehicles offer an amphibious assault capability far superior to any previous type. To realize this capability, personnel must be trained to operate and maintain the new craft.

CURRENT SITUATION: There are no facilities available which can be used for this training. There are three operator and two maintenance courses planned, ranging from four to twelve weeks. Training devices will be procured for operator training, with delivery in 1989. About 100 people will be trained annually. Four LCAC craft are currently on-station, with a total of 45 craft estimated to be on-station by 1994.

IMPACT IF NOT PROVIDED: A facility to house the trainers will not be available. LCAC personnel will be limited to on-the-job training. The amphibious assault capabilities of the LCAC will not be fully realized.

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NOT A

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1. COMPONE	NT		ı s		2. DATE					
NAVY			MILITARY CONSTRU	JCTION PROJECT D	ATA					
3. INSTALLATION AND LOCATION										
NAVAL AMPHIBIOUS SCHOOL, LITTLE CREEK, VIRGINIA										
4. PROJECT TITLE S. PROJECT NUMBER										
LANDING CRAFT AIR CUSHION TRAINING FACILITY 9-366										
12. SUPPLEMENTAL DATA:										
a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")										
	(1)	Status:								
		(a) Da	te Design Started		<u>1-87</u>					
		(b) Pe	rcent Complete as of	January 1990	100_					
			te Design 35% Comple te Design Complete							
	(2)	Basis:			•					
			andard or Definitive	•	YesNoX					
		(b) Wh	ere Design Was Most	Recently Used:	N/A					
	(3)		ost (c) = (a) + (b)		(<u>\$000</u>)					
		(a) Pr (b) Al	oduction of Plans an 1 Other Design Costs	d Specifications.	(
			tal							
			ntract							
		(e) In	-house	• • • • • • • • • • • • • • • • • • • •	(100_)					
	(4)	Constru	ction start		1-91 month and year)					
b. from oth	-	pment as propriat	sociated with this p	roject which will	be provided					
				Fiscal Year						
Equipme			Procuring	Appropriated	Cost					
Nomencla	ture		Appropriation	or Requested	(\$000)					
LCAC Ope			, ОРИ	1989	17,300					
l										
			• •							

1. COMPONENT		EV		TABY O	011070110				2. DATE	
NAVY		FI '	1991 WIL	HARY C	OMSTRUC	TION PRO	KHAN			
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND		1	S. AREA CO	
FLEET TRA						F OF NAVAI		G ;		
6. PERSONNEL STRENGTH		PERMANENT			STUDENTS			SUPPORT	ED	
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	IOTAL
09/30/88 b. END FY	82	823	31	155	2795	0	0	0	, 0	3886
1994	84	873	31	155	2819	٥	٥	0	0	3962
·			7.	INVENTO	RY DATA ((000				
a. TOTAL ACRI b. INVENTORY C. AUTHORIZA' d. AUTHORIZA' f. PLANNED II g. REMAINING h. GRAND TOT 8. PROJECTS R	TOTAL ASTION NOT FION REQUIRED INC. INC. INC. INC. INC. INC. INC. INC.	YET IN IN JESTED IN JUDED IN I HREE PROGI NCY .	THIS PROFOLLOWING FOLLOWING RAM YEARS PROGRAM:	GRAM PROGRAM				17,210 0 18,000 12,200 2,100 2,300 51,810	DESIGN	STATUS
171.20 EL 179.45 FI	171.20 ELEC TRADES TRNG BLDG ADDN 179.45 FIRE FIGHTING TRAIN FAC TOTAL							6.000 12.000 18.000	06/84 10/85	08/89 01/90
B. MAJOR 6	ED IN FOI ECTRICIAN TOTAL	N'S INSTRI	JCT BLD				SF	12.200		
Deve syste elec	10. MISSION OR MAJOR FUNCTIONS: Develop and provide training in the operation and maintenance of shippoard systems. Courses include communication, navigation, electrical, electronic, mechanical, propulsion, damage control and fire fighting.									
11. QUTSTANDII A: POLLU B: INSTA	ION ABA	TEMENT RESTORATIO	N			<u>00</u> 0000				

1. COMPONENT 2. DATE FY 19.91 MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION 4. PROJECT TITLE FLEET TRAINING CENTER, ELECTRICAL TRADES TRAINING NORFOLK, VIRGINIA 5. PROGRAM ELEMENT BUILDING ADDITION

UMBER S. PROJECT COST (\$000) 6. CATEGORY CODE 7. PROJECT NUMBER 6,000 0805796N 171.20 P-179 8. COST ESTIMATES ITEM U/M QUANTITY ELECTRICAL TRADES TRAINING BUILDING ADDITION SF 61,670 4,920 SF 61,670 78.00 (4,810)LS (110) 500 SPECIAL CONSTRUCTION FEATURES. LS 220) LS 130) PAVING AND SITE IMPROVEMENT. LS 60) 90) LS 5,420 270 5,690 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 310 6,000 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) (0) 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Four-story steel frame building addition, pile foundation, masonry walls with brick facing, concrete floors, built-up roof, elevator, compressed air system, 400 HZ electric power, fire protection system, air conditioning, utilities; demolition of two buildings.

11. REQUIREMENT: 107,120 SF. ADEQUATE: 45,450 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a training building addition. (Current mission.) REQUIREMENT: Adequate facilities for teaching courses in advanced electrical subjects, automatic boiler controls, air conditioning, and refrigeration to provide skilled operating and maintenance personnel for fleet ships. An instruction building is necessary to accommodate an expansion in the number of courses to be taught and to relieve congestion and overcrowding.

CURRENT SITUATION: Courses are being taught in inadequate facilities and in parts of three different buildings on loan from the Naval Base. Spaces are too small and crowded for effective instruction. Severe space constraints forces expendable and necessary materials to be stored in classrooms or laboratories, further reducing the space available for instruction. Some trainers are not connected for operation because of inadequate utilities. Students are trained in four different locations, requiring additional effort to coordinate instruction. Courses include electric motor rewind, solid state devices, propulsion alarms, boiler

(Continued on DD 1391c)

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5/N 0102 LF-001-3910

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D.	ATA
3. INSTALLATION	AND LOCATION	
FLEET TRAINI	NG CENTER, NORFOLK, VIRGINIA	
4. PROJECT TITLE		S, PROJECT NUMBER
ELECTRICAL T	RADES TRAINING BUILDING ADDITION	P-179
11. REQUIRE	MENT: (Continued)	
	ATION: (Continued)	
	eatment, and fundamentals of hydraulics. Cour	
-	weeks. There are 200 students on-board at on	e time, with
	ted annually. T_PROVIDED: Students will be trained on non-f	imations!
	simulators in an unsatisfactory environment,	
	new concepts as modernization of equipment tak	
	ll report to fleet billets at less than optimu	
	nger-on-the-job training to reach journeyman p	
levels.		
12 (2222		
12. SUPPLEM	ENTAL DATA:	
a. Est	imated design status: (Project design conform	s to Part II of
	dbook 1190, "Facility Planning and Design Guid	
		•
(1)	Status:	
	(a) Date Design Started	
	(b) Percent Complete as of January 1990	100
	(c) Date Design 35% Complete	
	(d) Date Design Complete	····· <u>8-59</u>
(2)	Basis:	
• •	(a) Standard or Definitive Design:	YesNo_X_
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
(3)	(a) Production of Plans and Specifications.	· — ·
	(b) All Other Design Costs	
	(c) Total	
	(d) Contract	(<u>360</u>)
~	(e) In-house	(40_)
(4)		1-91 (month and year)
		•
	ipment associated with this project which will	be provided
from other a	ppropriations: None.	
	•	

T. COMPONENT FY 19_91 MILITARY CONSTRUCTION PROJECT DATA										TA	2. 0	ATE		
NAVY	10000	ATION			_			I.A	201	LECT	TITLE		<u> </u>	
								17						_
FLEE! TRAINI		TER,									Fighting	TRAI	NIN	G
NORFOLK. VIR		T			1-			<u> </u>		CIL.				
5. PROGRAM ELEM	ENT	6. CATEGO	RY CODE	•	[7	FR	OIF	61	NUN	IBER	8. PRO.	JECT C	OST (\$000)
0805796N		179	.45			P	-18	10			1	12,0	000	
				. co	BT	EST	IMA	TE	\$	`				
		ITEM								U/M	QUANTITY	CO		COST (\$000)
FIRE FIGHTIN	G TRAI	NING FAC	ILITY.	•	•		•		.	LS	-	 -		6,800
SHIP MOCK-	UP STR	UCTURES.							.	SF	20,180	196.	00	(3,950)
FLIGHT DEC	K MOCK	-UP STRU	CTURE.						.	SF	14,780	160.	00	(2,370)
STORAGE BU	ILDING								. 1	SF	2,500	44.	00	(110)
CONTROL AN	D UTIL	ITIES BU	ILDING	; .					.	SF	2,500	108.	00	(270)
TECHNICAL	OPERAT	ING MANU	ALS						. 1	LS	-	-		(100)
SUPPORTING F	ACILIT	IES							.	-	-	-		4,030
UTILITIES.									.	LS	-	1 -		(2,830)
PAVING AND	SITE	IMPROVEN	ENT						.	LS		1 -	•	(600)
DEMOLITION									. 1	LS	-	1 -		(600)
SUBTOTAL										-	-	-		10,830
CONTINGENCY	(5%) .								. /	-	-	-		540
TOTAL CONTRA	CT COS	T							. 1	-	-	-	•	11,370
SUPERVISION,	INSPE	CTION AN	D OVER	HEA	D	(5	. 51	i) .		-	-	-	•	630
TOTAL REQUES	т		. .						.		- '	-	-	12,000
									_					

10. DESCRIPTION OF PROPOSED CONSTRUCTION

EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS

Mock-up structures; reinforced concrete and masonry buildings; concrete foundations and floors; ventilation systems, pollution abatement system, computer flooring, compressed air system, hoises, fuel storage, fire protection system, air conditioning, utilities; demolition of 31 buildings.

11. REQUIREMENT: As Required. PROJECT: Constructs fire fighting training facility for surface, shipboard, and aircraft carrier deck fires. (Current mission.) REQUIREMENT: Adequate fire fighting training facilities to accommodate and satisfy a mandatory requirement for all officer and enlisted personnel. Additional practical and theoretical fire fighting training is necessary for personnel assigned to damage control parties. This project will provide facilities for a basic introductory level fire fighting trainer, an advanced level trainer for coordinated fire fighting team practice, and an aircraft carrier flight deck fire fighting trainer. All proposed trainers will be environmentally clean and offer significantly improved levels of training. Instructors can produce fire situations at will on simulators until the proper student response is received. CURRENT SITUATION: The existing oil-fired trainers require an extensive amount of time and materials for cleanup and restart between training sessions and are not conducive to team damage control training. They emit

(Continued on DD 1391c)

DD: 500 7. 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO 419

(NON-ADD) (16,180)

1. COMPONEN	T							2. DATE		
NAVY				ILITARY CO	ONSTR	UCTION PROJECT D	ATA			
3. INSTALLAT	TION A	10 LOC	ATION							
FLEET TRAINING CENTER, NORFOLK, VIRGINIA										
4. PROJECT T	ITLE						5. PROJE	CT NUMBER		
FIRE FIGH	ITING	TRAI	NING FA	CILITY				P-180		
11. REQU	11. REQUIREMENT: (Continued)									
CURRENT S			-	•						
						ounts of particula				
atmospher	'e. 7	They	do not	simulate a	ill pot	tential types of s from state air qu	ihipboa	rd fires.		
						rrom state air qu on ship's survivat				
						in these valuable				
				_						
12. SUPE	LEME	NTAL I	DATA:							
a.	Estin	mated	design	status:	(Proje	ect design conform	ns to P	art II of		
						ny and Design Guid				
_			' .		_	•	-			
	(1)	State			_					
		(a)								
		(b)	Percen	it Complete	as o	f January 1990	• • • • • •	100		
		(c)				ete				
		(d)	Date D	esign Comp	lete.	• • • • • • • • • • • • • • • • • • • •	• • • • • •	· 1-90		
	(2)	Basi	s:							
	•	(a)	Standa	ird or Defi	initiv	e Design:	Yes	Х си		
		(b)	Where	Design Was	Most	Recently Used:	N	1/A		
	(3)	Tota				or (d) + (e):		(\$ 000)		
		(a)				nd Specifications.				
		(b)				S				
		(c)								
		(d)								
		(e)	In-hou	.se		• • • • • • • • • • • • • • •	• • • • • •	(100_)		
	(4)	Cons	tructio	on start			- <u> </u>	1-91		
						-	(month	and year)		
_				ماملائين فتتات	4 2 in ,	i which wil	1 ha ne	· a-ridad		
from other	Equip er an	pment	desoci	'gced Aten	tnis i	project which will	r ne hr	OATGEG		
LLOW Gen.	~ <u>-</u> -;	5-0E-		,•						
						Fiscal Year				
Equipmen	nt			Procuri		Appropriate		Cost		
Nomenclat	ture			Appropria	ation	or Requeste	<u>a</u>	(\$000)		
Fire Figh	nting	Trai	ners	OPN-BA	7	1992		16,180		
	~							İ		
								•		

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE 116: 420

DD FORM 1390 1DEC76

1. COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA 2. DATE									
3. INSTALLATION A	ND LOC	ATION		1. PR	OJECT	TITLE			
NAVAL COMMUNI									
ATLANTIC, NOF	FOLK.	VIRGINIA	C	OMMUI	NICATION	CENTER	ADD	ITION	
S. PROGRAM ELEM			7. PROJEC	TNU	ABER	8. PROJ	ECT COST	(\$000)	
0303196N		131.15	P-14	1		5,	370		
		9. CO	T ESTIMA	TE8					
		ITEM			U/M	QUANTITY	UNIT		COST (\$000)
COMMUNICATION	CENT	ER ADDITION		•	SF	45,000		1	3,490
BUILDING AL	DITIO	N			SF	45,000	68.00	1 .	(3,040)
BUILT-IN E	QUIPME	NT		•	LS	-	-	1	(450)
SUPPORTING F	ACILIT	MIES				-	-		1,360
SPECIAL CO	NSTRUC	TION FEATURES			LS	-	-		(500
UTILITIES.				•	LS		-		(400
PAVING AND	SITE	IMPROVEMENT, DEMO	LITION.		LS	-	-	}	(_460
SUBTOTAL					-	- .	-	1	4,850
CONTINGENCY	(5%)			•	-	-	-	i	240
TOTAL CONTRA	CT CO	ST			-	-	-	1	5,090
SUPERVISION,	INSP	ECTION AND OVERHE	AD (5.5	%).	-	-	-		280
TOTAL REQUES	T				-	-	-	į	5,370
EQUIPMENT PE	ROVIDE	D FROM OTHER APPR	OPRIATI(ONS	-	-	(MON-A	DD)	(0
		SED CONSTRUCTION							

Two-story steel frame building addition, pile foundation, concrete floors, masonry walls, built-up roof, electronic equipment spaces, computer flooring, fire protection system, air conditioning, utilities; demolition of three buildings.

11. REQUIREMENT: 93,640 SF. ADEQUATE: 48,640 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs building addition to the communication center to house electronic equipment, administrative areas, and general warehouse space. (Current mission.)

REQUIREMENT: Adequate and properly-configured requisite space to house basic management, operational, and support functions essential for performing the overall communications mission of the command. The station is the primary hub for communications circuitry passing into and out of the geographic region supporting over 800 commands and activities and all forces afloat in the Atlantic Area. New program installation requirements exceed the floor space availability to house the equipment and technical support functions.

CURRENT SITUATION: Communication equipment spaces are centrally located in one building. The addition of a new Navy and Defense Communications System has filled existing spaces, leaving further installations subject to TEMPEST, safety and operational risks. Outside of the equipment spaces, management, operational, and support functions are presently dispersed

(Continued on DD 1391c)

DD1 FOAM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

1. COMPONENT		2. DATE						
NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA						
3. INSTALLATION	AND LOCATION							
NAVAL COMMUNICATIONS AREA MASTER STATION ATLANTIC, NORFOLK, VIRGINIA								
4. PROJECT TITLE 5, PROJECT NUMBER								
COMMUNICATIO	N CENTER ADDITION	P-141						
11. REQUIREMENT: (Continued) CURRENT SITUATION: (Continued) among five separate buildings precluding close coordination, efficiency of effort, and optimum control. Only minimal space for these functions is available in close proximity to the equipment spaces, with the majority of functions housed in three metal buildings and in alternate-host provided spaces, all of which are inadequate and congested. IMPACT IF NOT PROVIDED: Activity inability to support the major joint, fleet commander, and subordinate operational and type commanders sponsoring command and control, intelligence, targeting and tactical communications subsystems. 12. SUPPLEMENTAL DATA: a. Estimated design status: (Project design conforms to Part II of								
	imated design status: (Project design confor dbook 1190, "Facility Planning and Design Gui							
(1)	Status: (a) Date Design Started (b) Percent Complete as of January 1990 (c) Date Design 35% Complete (d) Date Design Complete	<u>100</u> <u>5-89</u>						
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	YesNoX						
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>150</u>) (<u>450</u> (<u>400</u>)						
(4)	Construction start	1-91 (month and year)						
	ripment associated with this project which wil appropriations: None.	l be provided						

NAVY		FY	1991 MILI	TARY C	ONSTRUC	TION PRO	GRAM			
3. INSTALLATION AND LOCATION NAVAL STATION, NORFOLK, VIRGINIA					4. COMMAND CUMMANDER IN CHIEF, ATLANTIC FLEET				5. AREA CONSTR. COST INDEX	
OFFICER ENLISTED CIVILIAN			OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
09/30/88 END FY	3864	50777	1460	18	175	0	340	1955	0	5858
1994	3513	52631	1460	18	175	0	375	1955	0	6012
	_		7.	INVENTO	RY DATA	(000				
c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO	TION REQUITION INCL N NEXT THE DEFICIENTAL	ESTED IN F LUDED IN F IREE PROGR	THIS PROFOLLOWING	GRAM PROGRAM				9,000 5,140 2,580 35,900 32,730		
CATEGORY						20025		OST (000)		STATUS
812.12 EL	PROJECT TITLE ELECTRIC POWER UPGRADE TOTAL				 -	SCOPE LS		9,000	11/88	01/90
8, MAJOR 151,80 DR		SYS IMPRO EXT THREE M MINE SY	YEARS:			62,440 LS LS	SF 	3.800 340 5,140 2.040 540		,
to o comb is t Port	tions as ver 100 s atants, 1	the primarips, incomistics town a coup	ary opera- cluding a support : or Tidawa and Little	ircraft (ships, a) ter Logi: s Creek. Nava	e of the carriers, nd attack stics Com Support 1 Air Sta 1 Aviatio	surface submaring plex of Hing the form	escorts es. Thi empton R	and other s station oads,		
	ck Submar	ine Squad ng Center		Navy	ear Weapo Public W val Suppl	orks Cent		r		
Crut Atta Flee Shor Serv 1. OUTSTANDI A: POLLU	t Training Intermedice Group NG POLLUT TION ABAT LLATION R	ION AND S EMENT ESTORATIO	SAFETY DE	FICIENCI	<u>es: (\$0</u>	<u>∞)</u> 0 0				

DD FORM 1390 1DEC76 PAGE NO.73 424

1. COMPONENT NAVY	TA 2.0	2. DATE					
3. INSTALLATION	ND LOC	ATION		4. PROJECT	TITLE		
NAVAL STATIO	-						
NORFOLK, VIR				ELECT	RIC POWER	UPGRAD	E
S. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC	TNUMBER		ECT COST	
					I		
0204796N		812.12	P-83		9,	000	
		9. CC	ST ESTIMA	TES			
		ITEM		U/M	QUANTITY	COST	COST (\$000)
ELECTRIC POW	R UPG	RADE		. LS	-	-	8,120
SUBTOTAL				. -	-	-	8,120
CONTINGENCY	(5%) .			. -) -	-	410
TOTAL CONTRA				. -] -	-	8,530
SUPERVISION,	INSPE	ction & overhead	(5.5%).	• [-	-	-	470
TOTAL REQUES			• • • •	· -	-	_	9,000
EQUIPMENT PR	OVIDED	FROM OTHER APPR	OPRIATIO	NS -	- (NON-ADI	0)
					1		
					}		
							1

Provide 3750/4688 KVA fixed substations, 3750/4688 KVA portable substations; relocate and provide new receptacle groups; rebuild and enlarge existing and provide new above deck substation vaults, 2000 KVA transformers, new duct bank and manholes; replace transformers with 34.5 KVA transformers; new under pier vaults; fan cooling for substations; oil switches; improve distribution systems on six piers.

11. REQUIREMENT: As Required.

PROJECT: Upgrades shore electric power capacity on six piers. (Current mission.)

REQUIREMENT: The demand for cold-iron electric power has greatly increased at the station's waterfront because of the new classes of destroyers (DD-963 and DD-993) being assigned. A ship goes cold-iron when in port by shutting down its power plant and connecting to shore systems. This allows the crew to repair and maintain the on-board power plant while essential utilities are provided from shore. It is less costly to connect to shore-side utilities than to operate the ships' systems. Cold-iron support requires fewer crew members to remain on board, thus allowing the crew time ashore for training and leave. The DD-963 and DD-993 class destroyers need more electric power to operate their enlarged electronic weapons packages while conducting in-port training. These ships are designed to utilize pierside training vans which are connected to the ships' electronics systems and are used to simulate radar intercepts, electronic warfare, and (Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY

1. COMPONENT			2. DATE
NAVY	FY 1991 MILITARY CONSTRUCTION PROJECT D	ATA	
3. INSTALLATION	AND LOCATION		
	N, NORFOLK, VIRGINIA		
4. PROJECT TITLE		5. PROJE	CT NUMBER
ELECTRIC POW	ER UPGRADE		P-834
ll. REQUIRE	ÆNT: (Continued)		
	ses in a realistic manner. This allows crew m		
	instead of only at sea. These on-board electr		
•	quantities of electric power. The training v	ans al	so place
	ower requirements on the pier utility systems. MION: Sufficient electric shore power does n		
	7,24 and 25 to meet the demand during peak ber		
	oyers require more electric power than their p		
	ne numerous power-hungry radar, communications		
	ems on-board the ship. These systems are open		
ship is on co	old-iron for systems maintenance and training.	Many	of the
	ships use electrical space heating, placing a	large	demand on
	support during the winter.		
	PROVIDED: The station will be unable to pro		
	ectrical support to the ships homeported. Con tenance of and training on shipboard electroni		
	fected. Material and personnel readiness of o		
	ll be diminished because electric power and ot		
	on piers. Scheduled port periods for traini		
	nment in preparation for deployment will not b		
effectively.	•		
12. SUPPLEME			
	imated design status: (Project design conform		art II of
Military Hand	Boook 1190, "Facility Planning and Design Guid	e.")	
(1)	Status:		

(1) S	tatus:
-------	--------

(/	OLUCUS.
	(a) Date Design Started
	(b) Percent Complete as of January 1990 100
	(c) Date Design 35% Complete
	(d) Date Design Complete
(2)	Basis:
	(a) Standard or Definitive Design: Yes No X
	(b) Where Design Was Most Recently Used: N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e): $(\$000)$
	(a) Production of Plans and Specifications(500)
	(b) All Other Design Costs
	(c) Total 660

(d) Contract..... 600) (e) In-house.....(

(4) Construction start..... (month and year)

b. Equipment associated with this project which will be proyided from other appropriations: None.

DD , FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 426

WH 8102-LF-001-3915

1. COMPONENT		=14			-			1	2. DATE	
NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM	:		
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND		1	S. AREA CO	
NAVAL SUP Norfolk,					NAVA:	L SUPPLY :	SYSTEMS		.92	
6. PERSONNEL	Τ	PERMANEN	- 		STUDENTS			SUPPORTE	ED.	T
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
a. AS DF 09/30/88	30	28	3259	0	0	26	0	0	539	3882
b. END FY 1994	30	28	3259	0	0	26	٥	0	539	3882
			7.	INVENTO	RY DATA ((000				
a. TOTAL ACR b. INVENTORY C. AUTHORIZA d. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TOT	TOTAL ASTION NOT TION REQUIRED INC. TION INC. N NEXT TO DEFICIENTAL	YET IN II DESTED IN I LUDED IN I HREE PROGI	NVENTORY THIS PRO FOLLOWING RAM YEARS	GRAM . PROGRAM				83,770 19,360 6,400 1,000 6,700 1,100 18,330		
CATEGORY		PROJECT	TITLE			SCOPE	C	OST (000)	DESIGN START	STATUS COMPLETE
	NERAL WAS					131,250		6,400		01/90
B. MAJOR (131.35 CO) 441.35 LUI	NDERING P TCTAL PLANNED N NSOL RECI MBER & PA	REPLACEMENT NEXT THREE EIVING FAR ALLET STOR	YEARS: C RAGE			LS 36,700	SF	1,000 1,000 5,400 1,300		
in t unit supp Cont serv term	ly service the Atlants including the formula lines includes includes fuel ucts, and	ces for all tic and Ming the Minert nuc Navy and I lude openithe Norfi support j	ctivities editernan dittary S lear mate Marine Co sting Depolk Air T coint for t for Nav	ean area ealift C rials an rps unit artment erminal the Def y Prepos	geographiss, and accommand and acrvices and the cof Defension of the Bulense Logitioned W	tive flee d Coast G s are pro Atlantic e common- pply cent stics Age ar Reserv	t and re uard. S vided Ea Fleet. user oce er, and ncy bulk	serve upply stern Other an serving a petrole	#S Um	
A: POLLU B: INSTA	TION ABA	TEMENT				o O		•		
C: OCCUP				(OSH):		ő				
									•	
							•			
•										

DD FORM 1390 1DEC76

Transfer to

1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL SUPPLY CENTER, NORFOLK, VIRGINIA GENERAL WAREHOUSE S. PROGRAM ELEMENT S. CATEGORY CODE B. PROJECT COST (\$000) 7. PROJECT NUMBER 0702896N 441.10 6,400 9. COST ESTIMATES U/M QUANTITY 4,370 SF 131,250 33.00 1,410 390) SPECIAL CONSTRUCTION FEATURES. . . LS 350) PAVING AND SITE IMPROVEMENT. LS 440) 230) DEMOLITION AND ASBESTOS REMOVAL. . . . LS 5,780 290 6,070 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 330 6,400 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD) 10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame metal building with stacking height of 20-feet, pile foundation, concrete floor, fire protection system, ventilation, air conditioning, utilities; demolition of one building, including asbestos removal.

11. REQUIREMENT: 2,593,750 SF. ADEQUATE: 2,462,500 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs warehouse for efficient receipt, issue, and storage of large quantities of bulk materials in support of the fleet. (Current mission.)

REQUIREMENT: Adequate storage space is vitally needed for bulk materials issued on a daily basis to Atlantic Fleet ships and shore commands in the Tidewater area. The readiness of ships for deployment is directly dependent on the capability for rapid and complete reprovisioning. CURLENT SITUATION: Well over half of the warehouse facilities at this center are classified as inadequate, with most of the structures being of World War I or II vintage. The building to be replaced was constructed in 1917 and is well beyond economical repair. Supply operations in the building are nampered by flooding during periods of heavy rainfall. The building falls far short of current storage technology because of limited stacking height, deteriorated condition, and inefficiencies inherent in ground-level construction. Rainwater infiltrates through the roof and siding promoting the growth of bacteria and mold on the interior and contents of the building.

(Continued on DD 1391c)

1. COMPONENT		ATA Z. DATE				
NAVY FY 19 91 MILITARY CONSTRUCTION PROJECT DATA						
3. INSTALLATION	AND LOCATION					
NAVAL SUPPLY	CENTER, NORFOLK, VIRGINIA					
4. PROJECT TITLE		5. PROJECT NUMBER				
general warei	HOUSE	P~444				
GENERAL WARE	10084					
	MENT: (Continued)					
	<u>r PROVIDED</u> : Inefficient and unsatisfactory sto e. Inability to maintain receipt and storage					
	ause of outside and jam-storage conditions. S					
	sponsive issue of materials to the fleet will					
12. SUPPLEM	ENTAL DATA:					
	durk da da da da da da da da da da da da da	- b- B TT -5				
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid					
Military wall	about 1130, registral requiring and representation	/				
(1)	· 					
1	(a) Date Design Started	11-88				
	(b) Percent Complete as of January 1990 (c) Date Design 35% Complete					
	(d) Date Design Complete					
40.						
(2)	- ·	Yes No X				
	(b) Where Design Was Most Recently Used:	N/A				
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)				
	(a) Production of Plans and Specifications.					
	(b) All Other Design Costs					
	(c) Total					
	(d) Contract					
	(6)	,				
(4)	Construction start	1-91 month and year)				
b. Equ	ipment associated with this project which will	be provided				
	ppropriations: None.	• • • • • • • • • • • • • • • • • • • •				
	•					
		•				

1. COMPONENT	19 <u>91</u> MILITARY CO	A N	CT	D1		TI. N		O IECT DA	2. D	ATE
NAVY	IS MILITARY CC	JIN	31	nı	,,,	1 10,0	IN FR	DJECT DA	14	
3. INSTALLATION AND LOC	ATION					4.11	OJECT	TITLE		
NAVY PUBLIC WORKS	CENTER,									
NORFOLK, VIRGINIA						F	UEL :	LINE		
5. PROGRAM ELEMENT	6. CATEGORY CODE	7	, Pr	101	F.C	עיי ד	MBER	a, PROJ	ECT COST (\$000)
0702096N	125.10	ı	F	-2	:36	i		3,	130	
	9. CO	7 3 C	E\$	TIM	7.1	ES		<u>-</u>		
	ITEM						U/M	QUANTITY	UNIT COST	COST (\$000)
FUEL LINE SYSTEM .		•	•	•	•	•	LS	-	-	2,290
Puel Line System	1	•	•	•	•	•	LF	10,560	111.00	(1,170)
PUMP BUILDING							SF	780	38.00	(30)
STORAGE TANK			٠	•	•	•	LS	-	-	(400)
HOBBY SHOP				•	•	•	LS	-	-	(690)
SUPPORTING FACILIT	TES	•					-	-	-	540
SPECIAL CONSTRUC	TION FEATURES	•	٠	٠	•	•	LS	-	-	(200)
UTILITIES			•	•	•	•	LS		- 1	(250)
PAVING AND SITE	IMPROVEMENT		•	•	•	•	LS	_	-	(90)
SUBTOTAL			•	u	•	•	- '	-	- 1	2,830
CONTINGENCY (5%) .		•			•	•	-	-	! -	140
TOTAL CONTRACT COS	T	•	•	•	•	•	-	-	- 1	2,970
SUPERVISION, INSPE	CTION AND OVERHEA	AD	(5	. 5	8		-	-	-	160
TOTAL REQUEST		•	•	•	•	•	-	-	-	3,130
EQUIPMENT PROVIDED	FROM OTHER APPRO	OP	RI,	TI	O	1S	-	- (NON-ADD	j) (0)
10. DESCRIPTION OF PROPO										

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Eight-inch underground fuel oil pipeline, cathodically protected, insulated, heat controls; pump house, pumps, controls, transformers; 50,000-barrel steel storage tank; two-story masonry building, concrete foundation and floors, built-up roof, fire protection system, air conditioning, utilities.

11. REQUIREMENT: As Required.

PROJECT: Installs underground fuel oil pipeline and constructs fuel system pump house. (Current mission.)

REQUIREMENT: An economical means of supplying fuel from the waterfront to the central steam plant which serves the base as well as ships in port. It has been determined that pipeline delivery of the fuel oil would be more cost-effective than truck delivery. An annual savings of approximately \$2,500,000 could be realized from construction of this pipeline system.

CURRENT SITUATION: Delivery of fuel oil is being done by tank truck. Each truck delivers 6,500 gallons of fuel oil to daily operating tanks at the central steam plant. During the winter, 22 truck deliveries of fuel oil are made daily, six days a week. During the summer, 10 truck deliveries are made daily, five days a week. This mode of delivery has proven to be very costly and time consuming.

IMPACT IF NOT PROVIDED: The savings in time and money that could be achieved through construction of this project will not be realized.

(Continued on DD 1391c)

DD 1 0EC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY.
UNTIL EXHAUSTED

NAVY	ONEN	T	FY 19 <u>91</u>	LMILITARY CONSTRUCTION PROJECT D	ATA	Z. DATE
	ALLAT	TION A	ND LOCATIO	IN .		
*****	m/m-			THE NORMALK WEDGENES		
NAVY			JRKS CENT	TER, NORFOLK, VIRGINIA	S. PROJE	CT NUMBER
J. 7 NOJ						= '
FUEL	LINE				<u></u>	P-236
	MOI	<u>L</u> : A	n economi	ontinued) ic analysis has been prepared and ind wo years.	licates	a payback
12.	SUPP	LEME	NTAL DATA	\:		
	a.	Reti	nated dec	sign status: (Project design conform	ng to B	art II of
Milit				o, "Facility Planning and Design Guid		art ii Oi
				-,	,	
		(1)	Status:			
				te Design Started		
				te Design 35% Complete		
				te Design Complete		
		40.		•		
		(2)	Basis:	undand on Definition besieve	V	No. V
				andard or Definitive Design: ere Design Was Most Recently Used:	YesN	NoX
		(3)	Total co	ost (c) = (a) + (b) or (d) + (e):		(\$ 000)
			(b) A1	oduction of Plans and Specifications. 1 Other Design Costs		.(150_)
				tal		
				ntract		· · · · · · · · · · · · · · · · · · ·
			(e) In-	-house	• • • • • •	• ()
		(4)	Construc	ction start		1-91 and year)
				'	, mo[] til	wiim lear)
!		_		sociated with this project which will	l be pr	ovided
from	othe	er ap	propriati	ions: None.		
				·		
						i

1. COMPONENT	1	EV	MII	TABV C	ONSTRUC	TION DD	CPAM	ļ	2. DATE	
NAVY			1991 WIL							
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ND			5. AREA C	ONSTR.
NAVAL AIR OCEANA, V		•				ANDER IN (1	. 92	
6. PERSONNEL STRENGTH		PERMANEN	r		STUDENTS			SUPPORT	ED .	TOTAL
a. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTEC	CIVILIAN	
09/30/88 b. END FY	1209	8468	1650	198	190	0	118	495	С	12328
1994	1251	8627	1600	163	200	0	107	400	0	12348
			. 7.	INVENTO	RY DATA	000)				
E. TOTAL ACR b. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TOT 8. PROJECTS R	TOTAL ASTION NOT TION REQUIRED INC. TO INC. NOT TO DEFICIE!	YET IN IN UESTED IN LUDED IN I HREE PROGI	VENTORY THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM			1	86,410 23,920 3,150 4,700 9,300 34,460 61,940		
CATEGORY								OST	DESIGN	STATUS
CODE		PROJECT S TRNR BL				\$COPE 24.640		3 , 150		COMPLETE 01/90
:	TOTAL							3.150		
9. FUTURE PR	DJECTS:									
A. INCLUD 171.20 50						47,500	SF	4.700		
B, MAJOR 214,30 RE 171,35 F- 171,35 F- 171,35 F-	FUEL VEH 14D TRAII 14D WST	SHOP NER FACIL: #2 ADDN				1.800 18.060 LS LS	SF	400 700 1,600 2,600	· ·	
figh deni Squa	Atlantic ter squar by on At drons. ress. NG POLLU TION ABA LLATION	c fleet made drons (F- lantic Fle It also po TION AND STEMENT RESTORATION	aster jet 14) and s Bet aircr rovides s SAFETY DE	even med aft carr upport t	ovides opium attac iens and o ALF (Au ES: (\$0	k squadro two Fleet xiliary L	ns (A-6) Readine	which ss		

OD FORM 1390 1DEC76

1. COMPONENT FY 1991 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL AIR STATION, WEAPONS SYSTEM TRAINER OCEANA. VIRGINIA 5. PROGRAM ELEMENT BUILDING ADDITION 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 0204696N 171.35 P-179 3,150 9. COST ESTIMATES COST U/M QUANTITY COST WEAPONS SYSTEM TRAINER BUILDING ADDITION . . SF 24,640 2,470 BUILDING SF 24,640 84.00 (2,080) BUILT-IN EQUIPMENT LS (390) 380 SPECIAL CONSTRUCTION FEATURES. LS 80) LS (240) PAVING AND SITE IMPROVEMENT. LS <u>60</u>) 2,850 140 _ 2,990 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 160 3,150 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD) (35,000) 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame building, pile foundation, concrete flooring, masonry walls, insulation board over metal roof deck with built-up roof, computer flooring, fire protection system, intrusion detection system, elevators, communications system, air conditioning, utilities.

11. REQUIREMENT: 24,640 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PPOJECT: Provides an applied instruction building addition to house two weapons systems trainers used to train pilots and flight officers. This project supports the introduction of the F-14D aircraft. (New mission.) REQUIREMENT: A building addition to house weapons systems trainers scheduled for delivery beginning in 1992. The first F-14D is scheduled for arrival in late 1991. Oceana is the homeport for all Atlantic Fleet F-14A fighter aircraft. The F-14 is the linch-pin of the carrier battle group's air defense. The F-14A was introduced in 1972 and has proven to be a very effective and potent weapon system. It's primary mission is to intercept, at long ranges, enemy bombers poised to attack the battle group with air-to-surface missile. The F-14's long-range radar and the Pheonix missiles give it this capability. Since F-14 technologies may have been compromised because of the sale of the aircraft to Iran, programs to improve both the Phoenix and the F-14 have been accelerated. The interim improved F-14 is called the F-14A+. It has greater resistance to electronic countermeasures and a better radar. The F-14D will provide a

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY	FY 19 91 MILITARY CONSTRUCTION P	PROJECT DATA
J. INSTALLAT	TION AND LOCATION	·
NAVAL AIF	R STATION, OCEANA, VIRGINIA	
4. PROJECT T	TITLE	5. PROJECT NUMBER
WEAPONS S	SYSTEM TRAINER BUILDING ADDITION	P-178
11. REOL	TIREMENT: (Continued)	· · · · · · · · · · · · · · · · · · ·

1. COMPONENT

major upgrade to the aircraft with digital electronics, and data processing, improved radar, and more powe; ful engines. Transition of the squadrons' aircraft to F-14D will take place through the mid-1990's. Weapons systems training for flight crews for both models will be required throughout the transition meaning a dual capability is required. Training facilities are required to ensure that squadron flight crew personnel are capable of properly operating the numerous on-board weapons systems. These weapon systems include missile and gun firing, target tracking, electronic warfare and countermeasures, and radar and navigation systems. CURRENT SITUATION: Facilities are not available to house the weapons system trainers scheduled for delivery to Oceana beginning in 1992. Existing training spaces for the F-14A will be required through the 1990's transition period and will not be available for F-14D training to commence in 1992.

IMPACT IF NOT PROVIDED: Oceana will be unable to provide adequate weapons systems training for F-14D aircraft assigned personnel, jeopardizing combat readiness and effectiveness. The carriers will deploy without the full benefits provided by the major F-14 upgrade. The ability of the carrier to defend itself and the battle group will be degraded by a lack of proper systems training which this project will provide. There will be no facilities available to house the delivered trainers.

12. SUPPLEMENTAL DATA:

a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")

(1)	Status:
-----	---------

(a)	Date Design Started	11-88
(b)	Percent Complete as of January 1990	100
(c)	Date Design 35% Complete	5-89
(4)	Date Design Complete	1-90

(2) Basis:

(a)	Standard or Definitive Design:	Yes	NoX_	_
(b)	Where Design Was Most Recently Used:	1	N/A	_

(3)	Tota	il cost (c) = (a) + (b) or (d) + (e):	(\$000)
	(a)	Production of Plans and Specifications(180)
	(b)	All Other Design Costs(120)
	(c)	Total	300
	(đ)	Contract	250)
	(e)	In-house(50)

(Continued on DD 1391c)

DD . FORM 1391c

S/N 0102-LF-001-3015

2. DATE

COMPONENT				2. DATE
VAVY		MILITARY CONSTRUC	TION PROJECT DATA	
INSTALLATION A	O LOCATION			
			\	
NAVAL AIR STA	TION, OCEAN	NA, VIRGINIA	S PRC	JECT NUMBER
PHOJECT TITLE		•		
WEAPONS SYSTE	M TRAINER	BUILDING ADDITION		P-178
		· · · · · · · · · · · · · · · · · · ·		
12. SUPPLEME	NTAL DATA:	(Continued)		
. (4)	Construct	ion start		2-91
f (4)	Construct.	36816111111111111		h and year)
			•	•
b, Equi	pment asso	ciated with this pro	oject which will be	provided
rom other ap	propriation	ns:		
			721 W	
B		Procuring	Fiscal Year Appropriated	Cost
Equipment Nomenclature		Appropriation	or Requested	(\$000)
Omericiacure		Appropriacion	or keddested	(\$0007
-14D Weapons	System	APN	1991	35,000
Trainers	-			

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1. 60	MPONENT	ļ	ev		TARY C	ONETRIIC	TION PRO	CDAM		. DATE	
,	NAVY		FY	1991 WIL	IIART C	ONSTRUC	TION PRO	GRAW			
3. IN	STALLATIO	N AND LO	CATION			4. COMMA	ND		15	. AREA CI	
	SHORE INTE PORTSMOUTH			ANCE ACTIV	VITY,		ANDER IN C		1	.92	
	RSONNEL		PERMANEN'	†		STUDENTS			SUPPORTE	D	TOTAL
	S OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	10120
	09/30/88 ND FY	6	319	6	0	0	0	0	0	0	331
	1994	6	294	6	0	0	0	0	0	0	306
				7.	INVENTO	RY DATA ((000				
b. 1 c. 4 d. 4 f. F g. F	TOTAL ACRE INVENTORY AUTHORIZAT AUTHORIZAT AUTHORIZAT PLANNED IN REMAINING GRAND TOT ROJECTS R	TOTAL ASTRONOMY TION NOT TION REQUIRED INCOMINGS I NEXT TO DEFICIES AL	YET IN IN DESTED IN LUDED IN IN HREE PROGI	THIS PROF THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM				0 0 12,100 0 0 12,100		
CATE	GORY DDE		PROJECT	TITLE			\$COPE		0ST 30001		STATUS COMPLETE 06/90
		TOTAL					,25,000	-	12,100	0.700	00,00
10. <u>N</u>	syste all a depar haul, video techr	MAJOR F des intended in the contract in the co	FUNCTIONS brimediate craft laus carriers during se provides a bes include aining and	E YEARS: maintenainch and rebased at lected resaince dus intermed assista	ecovery of Norfolk stricted ty bille should be	equipment, as well available ts for av ip mainte hips as re	mechanica and supp as other lity or ri ation ra nance and equested.	ort equi ships w estricte tings	pment front the over- The pro-		
	DUTSTANDÎN A: POLLUT	ION ABA		SAFETY DE	FICIENCI	ES: (\$0	<u>00</u>)				
	3: INSTAL			ON D HEALTH	(OSH):		0	•			
		,						,			

1. COMPONENT	19 <u>91</u> MILITARY CO	NSTRUC	TION	PROJ	ECT DA	7A 2. D	ATE	
NAVY								
3. INSTALLATION AND LOC	ATION		4. PROJ	ECT T	ITLE			
SHORE INTERMEDIATE PORTSMOUTH, VIRGIN	· · · · · · · · · · · · · · · · · · ·		SHORE INTERMEDIATE MAINTENANCE FACILITY					
5. PROGRAM ELEMENT	TNUMB	ER	8. PROJE	CT COST ((000)			
0204457N	213.30	P-32				2,094		
	9. CO	T ESTIMAT	ES					
	ITEM		١	/M Q	UANTITY	COST	COST (\$000)	
SHORE INTERMEDIATE	MAINTENANCE PACI	LITY	• !	SF]	20,000	-	9,610	
BUILDING			. 1	SF 1	20,000	74.00	(8,810)	
BUILT-IN EQUIPME	NT		. 1	LS	-	-	(720)	
TECHNICAL OPERAT	ING MANUALS		.]:	LS	-	-	(80)	
SUPPORTING FACILIT	IES		. -	-	-	-	1,300	
SPECIAL CONSTRUC	TION FEATURES		. 1	LS	-	-	(600)	
ELECTRICAL UTILI	IES		.]:	LS	-	-	(200)	
MECHANICAL UTILI	TIES		.]:	LS	-	-	(100)	
PAVING AND SITE	IMPROVEMENT		.]:	LS	-	-	(300)	
DEMOLITION			. (:	LS	-	-	(<u>100</u>)	
SUBTOTAL	. 		• 1	-	-	-	10,910	
CONTINGENCY (5%)			.	-	-	 -	550	
TOTAL CONTRACT COS	ST		.	-	-	-	11,460	
SUPERVISION, INSPE	CTION & OVERHEAD	(5.5%).		-	-	-	634	
TOTAL REQUEST			.]	-	-	-	12,094	
EQUIPMENT PROVIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (1)	ON-ADD)	(11,400)	
10. DESCRIPTION OF PROPE						<u> </u>		

Two-story steel frame building, pile foundation, reinforced concrete flooring, tilt-up reinforced concrete walls, insulated composition roof, fire protection system, air conditioning, bridge cranes and monorail, exhaust and ventilation systems, balancing machine, dynamometer, elevators, compressed air system, waste separation and holding facility, computer flooring, shielding, utilities; demolition of eight buildings.

11. REQUIREMENT: 179,270 SF. ADEQUATE: 58,270 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a facility for intermediate maintenance support of Atlantic Fleet aircraft carriers and ground support equipment (GSE) for amphibious assault ships with aviation departments. This facility will include administrative offices, classrooms, and training spaces. (Current mission.)

REQUIREMENT: Adequate, consolidated, and properly-configured facilities for the repair and air departments' operations so that intermediate maintenance of aircraft carriers and ground support equipment can be better accomplished. Six of the Atlantic Fleet's eight conventional and nuclear-powered aircraft carriers are homeported in Norfolk (with one normally undergoing complete overhaul at a shipyard). This SIMA also provides support to 12 homeported ships with air departments such as LHA amphibious assault ships. This SIMA is manned by 540 active duty and temporarily assigned personnel. No growth in this level is projected despite the addition of the new carrier U.S.S. Theodore Roosevelt to the (Continued on DD 1391c)

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11. REQUIREMENT: (Continued)

workload. Intermediate maintenance is that level which cannot be performed by ship workforces but does not require scheduling lengthy and expensive overhauls at the public shipyards. While there are some limited repair capabilities on the ships, especially large ones like the aircraft carriers, do not have the shops and technical skills necessary to keep all shipboard systems running. SIMA personnel augment ship repair capabilities. SIMA's provide shore billets for personnel in many ratings found normally only on ships. This keeps the personnel proficient in their mechanical and other skills while serving shore-duty. SIMA's provide valuable training to these mechanics while assigned and also provide a chance to update skills and learn new shipboard systems. A SIMA consists of many industrial shops and engineering spaces which perform maintenance on most of the heavy industrial shipboard systems. The capabilities include pipe manufacture and repair; boiler and propulsion system maintenance; electronics and radar repair; steel and plate work; parts milling and manufacture; wood working for small craft maintenance; and pump, valve and hydraulic system maintenance. In addition to these capabilities, which are generic to most SIMA's, the Portsmouth facilities will have maintenance and repair capabilities for those shipboard systems unique to aircraft carriers. These systems include steam catapults; aircraft arresting gear and crash barricades; jet blast deflectors mounted in the carrier deck; and ground support equipment (GSE) used for starting and servicing aircraft assigned to the air wing. The SIMA also provides GSE overhaul services to Atlantic Fleet air stations. **CURRENT SITUATION:** Some existing shops are located in 27 structures which have improper climate control and inadequate utilities to support industrial processes and installed equipment. This includes inadequate power, lighting, compressed air, exhaust and ventilation. All but one of the buildings is wood-frame construction. All must use portable space heaters to augment the inadequate steam heating system. Many of the roofs leak. Some shop equipment cannot be used because of a lack of ventilation. The present configuration results in unsafe and inefficient maintenance work because of the advanced deterioration of the facilities and excessive material handling caused by separation of inter-dependent work centers. Eight of these buildings will be demolished and the others turned-over to the shipyard. IMPACT IF NOT PROVIDED: Present shop functions will continue to be inefficient and unsafe. Improvements to the workplace will not be achieved. This includes fire safety, adequate heating and ventilation and better lighting. A new SIMA building is vital for intermediate level maintenance of assigned ships or fleet readiness will be seriously

(Continued on DD 1391c)

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PAGE NO.

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1. COMPONENT	FY 19 91 MILITARY CONST	RUCTION PROJECT D	PATA							
NAVY	NAVY 3. INSTALLATION AND LOCATION									
1. INSTALLATION AND LOCATION										
SHORE INTERMEDIATE MAINTENANCE ACTIVITY, PORTSMOUTH, VIRGINIA										
4. PROJECT TITLE			5. PROJECT NUMBER							
SHORE INTERME	DIATE MAINTENANCE FACILITY		P-320							
12. SUPPLEME	NTAL DATA:									
	mated design statψs: (Pro book 1190, "Facility Plann									
(1)	Status:									
	(a) Date Design Started.									
	(b) Percent Complete as									
	(c) Date Design 35% Comp(d) Date Design Complete									
	(2, 200 2003 200	•								
(2)	Basis:									
!	(a) Standard or Definiti	•	YesNO_X							
	(b) Where Design Was Mos	st Keceutly naed:	N/A							
(3)	Total cost (c) = $(a) + (b)$		(<u>\$000</u>)							
	(a) Production of Plans									
	(b) All Other Design Cos									
	(c) Total									
	(e) In-house									
	(e) In-House		, <u></u> ,							
(4)	Construction start	· · · · · · · · · · · · · · · · · · ·	1-91							
			(month and year)							
-	pment associated with this propriations:	s project which will	l be provided							
		Fiscal Year	3 A							
Equipment	Procuring	Appropriate								
Nomenclature	Appropriation	or Requeste	<u>(\$000)</u>							
Industrial P Equipment	ant OPN	1989 - 1991	4,000							
Miscellaneou	Minor Camn	1991 - 1992	7,400							
Equipment			TOTAL 11,400							
			•							

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. COMPONENT	i	EV.	2011	TABY 6	011077110	TION DOG	CDAM	12	. DATE	
NAVY		- FT	1991 M IL	HARY C	ONSTRUC	IION PRO	GRAIN	:		
. INSTALLATIO	ON AND LO	CATION			4. COMMA	ND		15	. AREA CO	
MARINE CO QUANTICO.		AT DEVEOPI A	MENT COMM	AND,		ANDANT OF NE CORPS	THE		.96	MUEX
. PERSONNEL	PERSONNEL PERMANENT STUDENTS SUPPORTE								D	
STRENGTH	OFFICER	ENLISTED	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL		
09/30/88 b, END FY	/88 614	2941	1562	976	1446	0	302	2 886	415	9142
1994	934	34 15	3011	1455	2722	9	217	766	684	13213
·			7.	INVENTO	RY DATA (1000				
b. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO 8. PROJECTS !	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN II UESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM			1	21,620 19,850 5,600 23,860 36,420 81,620		
CATEGORY							c	OST	DESIGN	
179.45 MI	DDS TN	PROJECT URBANIZE				SCOPE LS		3,850	11/88	COMPLETE 01/90
		ELOPMENT (\$F		12/88	06/90
5. MAJOR 171.10 AC 219.10 NO	ED IN FOLVE FIRE FILD CARE TOTAL	RANGE CENTER NEXT THREE NSTR FAC-C EMENT	E YEARS:			LS 18.750 LS LS LS	\$F	2,600 3,000 5,600 3,500 230 3,000		
serv land for init civi tact forc Mari resp form by	lop, in oncess, the control of the c	coordinat coordinat so in ampl ge plannir tudy of su tract stuc technique s of amph ; educate ties; exe ls (less ! ndant of ! TION AND ! TEMENT RESTORATIC	non with a cactic form with a cactic form of the cas of warfind our operated from the Marine SAFETY DE	s, techn peration ntifying , in coo ncies; eare, witi erations ncommiss demic su raining) e Corps.	iques and s; support required rdination ducation h particu in air-gi ioned wit pervision; and oth	equipment Marine study ar with oth officers lar empha round com h the req over all er funct:	t employ Corps re eas and er gover in the p sis on t bat ford uisite Marine	ved by equirement by inment and inciples the landing es of the Corps	ı i.	

DD FORM 1390 1DEC76 PAGE NO. 4 4 1

1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE MARINE CORPS COMBAT DEVELOPMENT COMMAND, QUANTICO, VIRGINIA COMBAT DEVELOPMENT CENTER 6. CATEGORY CODE S. PROGRAM ELEMENT 7. PROJECT NUMBER 8. PROJECT COST (\$000) 0804751M 610.20 P-402 16,000 9. COST ESTIMATES COST U/M QUANTITY ITEM 11,440 COMBAT DEVELOPMENT CENTER. . . . SF 93,400 BUILDING SF 93,400 97.00 (9,060) BUILT-IN EQUIPMENT LS (2,380)3,000 SUPPORTING FACILITIES. LS (1,800)ELECTRICAL UTILITIES LS 500) MECHANICAL UTILITIES PAVING AND SITE IMPROVEMENT. . . LS 700) 14,440 CONTINGENCY (5%) 720 15,160 840 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 16,000 - (NON-ADD) EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame and masonry building, concrete foundation and floors, built-up roof, uninterruptible power source, computer flooring, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 93,400 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a centralized computer facility to support missions and goals. (Current mission.)

REQUIREMENT: Adequate facilities to accommodate Marine Corps-wide requirements relative to the development and promulgation of information pertaining to doctrine, training, force structure, and materials relating to deployment and employment. Housing of the war-gaming center, a contingency processing center, and the war-fighting center is also necessary.

CURRENT SITUATION: Space restrictions preclude utilization of existing facilities for all present and future missions. Utilizing many and various inadequate facilities would make effective central management of each organization impossible.

IMPACT IF NOT PROVIDED: Very difficult to fulfill mission obligations without a centralized facility. Improved capabilities and far reaching integration efforts will never be fully realized. Programmed personnel and equipment growth will be facility constrained.

(Continued on DD 1391c)

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PAGE NO.

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1. COMPONE	NT	• •	2. DATE
NAVY		FY 1991 MILITAR / CONSTRUCTION PROJECT D	PATA
3. INSTALL	TION	NO LOGATION	
MARINE C	ORPS	COMBAT DEVELOPMENT COMMAND, QUANTICO, VIRGINI	'A
4. PROJECT			S. PROJECT NUMBER
COMPASS F	Serrer (DADIM CENTES	P-402
COMBAT	PAEP	PMENT CENTER	P-402
12. SUE	PLEM	NTAL DATA:	
a. Military		mated design status: (Project design conform book 1190, "Facility Planning and Design Guid	
	(1)	Status:	
		(a) Date Design Started	
		(b) Percent Complete as of January 1990	
		(c) Date Design 35% Complete	
			
	(2)	Basis:	Yes No X
		(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X
		(2,	
	(3)		(<u>\$000</u>)
		(a) Production of Plans and Specifications. (b) All Other Design Costs	
		(c) Total	
		(d) Contract	
		(e) In-house	(
	(4)	Construction start	1-91
		1	(month and year)
ь.	Equi	pment associated with this project which will	l be provided
from oth		propriations: None.	
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NAVY	r i	19_91_MILITARY CO	DI49 ! NO!	. 1 10	NEN	DIECTUA	IA	
INSTALLATION	ND LOG	ATION		4 1	ROJECT	TITLE		
MARINE CORPS	COMBA	T DEVELOPMENT CO	MMAND,		ILIT.	ARY OPERA	TIONS	
OHANTICO. VII	GINIA		<u> </u>	1	N UR	BANIZED T	ERRAIN	
S. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJE	CT NU	MBER	B. PROJ	ECT COST (8000)
0804751M	_	179.45	P-40	8		3	.850 _	
		9. CC	OST ESTIMA	TES				
		ITEM			U/M	QUANTITY	UNIT	COST (8000)
MILITARY OPE	RATION	S IN URBANIZED T	ERRAIN .	<u>.</u>	LS	-	-	2,900
COMBAT VIL	LAGE .				SF	37,540	74.00	(2,780)
LIVE FIRE	range.			•	LS	_	-	(120)
SUPPORTING F	CILIT	IES		•	-	_	-	580
UTILITIES.				•	LS	-		(90)
		IMPROVEMENT		•	LS	-	-	(490)
SUBTOTAL				•	-	-	-	3,480
CONTI"GENCY				•	-	-	-	170
TOTAL CONTRAC			• • • •	•	-	-	-	3,650
		CTION & OVERHEAD	(5.5%).	•	-	-	-	200
TOTAL REQUES!				•	-	-	-	3,850
EQUIPMENT PRO	ONIDED	FROM OTHER APPRO	OPRIATIO	NS	ì -	- (NO	N-ADD)	(0)
							İ	
					1	l	1	1
					1	ļ	Į	l

O. DESCRIPTION OF PROPOSED CONSTRUCTION

Upgrade one building; construct six reinforced concrete and masonry structures; access roads, parking, bridge; functional underground sewer system to replicate an urban setting; one rubber tire and four wood construction structures for live-fire assault course.

11. REQUIREMENT: As Required.

PROJECT: Provides military operations in urbanized terrain (MOUT) mock-up training facilities. (Current mission.)

REQUIREMENT: An adequate and properly configured MOUT mock-up training complex. Difficulties in urban area combat, as proven by recent military engagements, are numerous and have generated a requirement for specialized training. These facilities are designed to meet this requirement. This project will provide the basic school practice techniques of house-to-house and block-to-block clearing operations, techniques of clearing buildings from the top down and from the bottom up, and techniques of roof-top landing zones for helicopter assaults. It will also provide training in the employment of automatic weapons and snipers for covering fires, training in overcoming communications problems inherent in urban areas characterized by steel construction and electric power systems, and training in the use of smoke and chemical agents for cover and defense.

(Continued on DD 1391c)

1. COMPONENT		·- · · · · · · · · · · · · · · · · · ·	2. DATE						
NAVY		991 MILITARY CONSTRUCTION PROJECT D	PATA						
3. INSTALLATIO	ON AND LOCA	ATION							
		DEVELOPMENT COMMAND, QUANTICO, VIRGINI							
4. PROJECT TIT	LE		5. PROJECT NUMBER						
MILITARY O	MILITARY OPERATIONS IN URBANIZED TERRAIN P-408								
CURRENT SI can acquir- existing comarginal to cannot accommodate of IMPACT IF critical no operations for training	e and mai ombat vil raining I ommodate NOT PROVI eed for u in urban ng to acc	(Continued) There are no facilities at this activity intain the proficiency, required in MOUT lage consists of ten buildings and provider some urban infantry tasks. The comblive fire because of its location and one of the continuation of the period of the conduct success areas. This project provides the facility to the conduct success of the	operations. The rides conly at village construction type. revealed a ful military lities needed orale and						
12. SUPPL	EMENTAL D	ATA:							
		design status: (Project design conform 190, "Pacility Planning and Design Guid							
(l) Statu	s:							
•	(a)	Date Design Started	11-88						
		Percent Complete as of January 1990							
		Date Design 35% Complete							
		Date Design Complete							
C	2) Basis	:							
•		Standard or Definitive Design:	Yes No X						
		Where Design Was Most Recently Used:	N/A						
t:	3) Total	. cost (c) = (a) + (b) or (d) + (e):	(\$000)						
``		Production of Plans and Specifications.							
		All Other Design Costs							
		Total							
		Contract							
		In-house	` 						
(4) Const	ruction start	1-91 (month and year)						
b. E	anipment	associated with this project which will	be provided						
		ations: None.							
	-66	· · · · · · · · · · · · · · · · · · ·							
·-									
	•		j						

1. COMPONENT									2. DATE	
) F	Y 1991	MIL	ITARY	CON	STRUC	CTION	PROG	RAM	1	
NAVY									ļ	
3. INSTALLATION AND L				- 1	4. COMM					CONSTA.
NAVAL RESEARCH LABORATORY ANNEX, OFFICE OF THE CHIEF OF										
QUANTICO, VIRGINI				<u>-</u>	NAVAL				0.9	6
6. PERSONNEL STRENGTH:	— —	RMANE			TUDENT			UPPORTE	·	TOTAL
9/30/89	0** CE*	0	6	0	0	0	0 014	0	6	12
a. AS OF 9/30/88		[-	,	l		_]	1	
b. END FY 19 94		0	14	0	0	0	0	0	10	24
7. INVENTORY DATA (\$000) a. TOTAL ACREAGE Tenant of MCCDC										
a. TOTAL ACREAGE b. INVENTORY TOTAL A c. AUTHORIZATION NO d. AUTHORIZATION RE e. AUTHORIZATION IN f. PLANNED IN NEXT TI g. REMAINING DEFICIE b. GRAND TOTAL 8. PROJECTS REQUESTE	T YET IN QUESTED LUDED I HREE PRO	INVENTO IN THIS N FOLLO OGRAM Y	988 DRY PROGRA WING PR	M OGRAM					0 600 0 0	
CATEGORY PROJECT TO					SCOPE		Ç03	•	DESIGN STA	TUS COMPLETE
317.10 Midway Re	esearch	Ctr U	pgrade	•	5,810	SF	2,60		 /88	1/90
a. Included b. Major Pla 10. Mission or Mand systems. 11. Outstanding a. Pollution b. Installa	polluton Abat	Cunctic	ons: F	ears: Providety de	ficie	earch ncies		(\$000) 0 0	c equi	omen t

DD 1 DEC 76 1390

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENOT 446

1. COMPONENT FY 19_91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL RESEARCH LABORATORY ANNEX. MIDWAY RESEARCH CENTER OUANTICO, VIRGINIA **UPGRADE** 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) NFIP 0605001N P-148

9. COST ESTIMATES 2,600 317.10 COST ITEM U/M QUANTITY MIDWAY RESEARCH CENTER UPGRADE SF 5,810 650 5,810 81.00 470) SF (180) LS 1,690 SPECIAL CONSTRUCTION FEATURES. LS (670) LS (410) PAVING AND SITE IMPROVEMENT. LS 610) 2,340 120 2,460 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 140 2,600 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD)

10 DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, concrete foundation and floor, masonry walls, computer flooring, grounding, secure compartmented information facility construction, temperature and humidity control, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 10,980 SF. ADEQUATE: 5,170 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a secure facility for research, development, testing, calibration, and quality assurance of newly developed electronic and computer equipment. Provides secure space to develop, validate and test equipment and generate new software programs for the Navy. (New mission.) REQUIREMENT: An adequate and properly-configured physically, electrically, and electronically secure compartmented information facility with supportive environmental control and high quality electric power for sophisticated electronic and computer equipment that develops and controls an essential system supporting Navy and Department of Defense efforts. It is necessary to have a clean environment free of ambient telemetry signals. CURRENT SITUATION: There are no available facilities to meet mission requirements with a clean signal radio frequency environment at the Naval Research Laboratory Washington, D.C. site.

IMPACT IF NOT PROVIDED: The new electronic system necessary to implement this program will not have sufficient electronic equipment and software developmental space.

(Continued on DD 1391c)

DD1 508M 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT D	2. DATE
NAVY	FY 19 MILITARY CONSTRUCTION PROJECT D	MIA
INSTALLATIO	N AND LOCATION	
NAVAL RESE	ARCH LABORATORY ANNEX, QUANTICO, VIRGINIA	
, PROJECT TIT		S. PROJECT NUMBER
		P-148
MIDWAY RES	EARCH CENTER UPGRADE	P-146
12. SUPPL	EMENTAL DATA:	
a. E Military H	stimated design status: (Project design conformandbook 1190, "Facility Planning and Design Guid	ns to Part II of le.")
(l) Status:	
	(a) Date Design Started	
	(b) Percent Complete as of January 1990	
	(c) Date Design 35% Complete	1-90
	(d) Date Design Complete	
(2) Basis:	
	(a) Standard or Definitive Design:	
	(b) Where Design Was Most Recently Used:	N/A
(3) Total cost (c) = (a) + (b) or (d) + (e):	(\$0 00)
•	(a) Production of Plans and Specifications	(150)
	(b) All Other Design Costs	(50_)
	(c) Total	
	(d) Contract	
	(e) III-IIOuse	<u> </u>
(4) Construction start	1-91 (month and year)
		I be provided
	quipment associated with this project which wil appropriations: None.	T De brovided
IIOM Other	appropriations	
		•

DD 1 DEC 76 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENOR 446

S/N 0102-LF-001-3915

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. INSTALLATIO	ON AND LO	CATION			4. COMMA	ND		5	. AREA COI	
NAVAL SUR			ER,			E AND NAV		RE (. 92	
. PERSONNEL STRENGTH		PERMANEN'	T		STUDENTS	;		SUPPORTE	D	TOTAL
AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 END FY	13	. 54	13	10	20	0	0	0	0	11
1994	24	156	45	,11	50	0	11	24	71	39
			7.	INVENTO	RY DATA ((000	-			-
c. AUTHORIZA d. AUTHORIZA B. AUTHORIZA f. PLANNED I g. REMAINING n. GRAND TO	TION REOL TION INCL N NEXT TO DEFICIES	JESTED IN LUDED IN I HREE PROGI NCY	THIS PROFOLLOWING	GRAM PROGRAM				5.460 1.500 7.450 0		
. PROJECTS I	REQUESTED	IN THIS	PROGRAM:							
CATEGORY								OST	DESIGN S	
	GIS CMD A	PROJECT LIFE SU				35,900		5,460		06/90
	TOTAL							5,460		
9. <u>Future pr</u>	OJECTS:									
A INCLUD 845.20 UT		LOWING PI				LS		1,500 1,500		
845.20 UT	ILITIES : TOTAL PLANNED !	IMPROVEMEN	YEARS:					1.500		
845.20 UT B. MAJOR 721.11 BA	ILITIES : TOTAL PLANNED ! CHELOR E!	IMPROVEME	YEARS:			LS LS LS				
B. MAJOR 721.11 BA 724.11 BA	ILITIES TOTAL PLANNED P CHELOR EF CHELOR OF	IMPROVEMEN NEXT THREI NLISTED OU FFICER OU	NTS E YEARS: JARTERS ARTERS			LS		1,500		
B. MAJOR 721.11 BA 724.11 BA 0. MISSION 9 The Nava Aero Wall Main Peni rese ship	ILITIES TOTAL PLANNED PARTIES OF THE CHELOR OF THE COMBAT STANDARD FROM THE COMBAT STANDARD FROM THE COMBAT STANDARD FROM THE COMBAT STANDARD FROM THE COMBAT STANDARD FROM THE COMBAT STANDARD FROM THE COMBAT TOTAL TO	MPROVEMENT THREINLISTED OFFICER OUNTIONS STEM Lable Wanfare and Space and International Wallops ! Accomack welopment systems.	YEARS: JARTERS ARTERS Pratory (Center (Administ ty (WFF) Island) a County, and enginational	NSWC) is ration's utilizin long the Virginia neering systems	achment ()orsted (NASA) G three s eastern This N systems, electr	Wallops I at the Na oddard Spites (the shore of wC detac rvices finite syst	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	/	
B. MAJDR 721.11 BA 724.11 BA C. MISSION The Nava Aero Wall Main Peni rese Ship Comm	ILITIES TOTAL PLANNED PCHELOR EFFICHELOR OFFINATION OF	MPROVEMENT THREISTED OFFICER OUNCTIONS VISTEM LADGE Wanfare and Space and Facility Wallops Acconack velopment systems, as systems	YEARS: JARTERS ARTERS Conter (Administ ty (WFF) Island) a County, and enginering an enginering	NSWC) is ration's utilizin long the Vinginia neering systems ort of A	located (NASA) G g three s eastern This N systems , electr EGIS and	Wallops I at the Na oddard Spites (the Shore of WC detactivities of Battle Gr	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	,	
B. MAJOR 721.11 BA 724.11 BA C. MISSION O The Nava Aero Wall Main Peni rese Ship comm 1. OUTSTANDI A: POLLU B: INSTA	ILITIES TOTAL PLANNED PCHELOR EPCHELOR OF SURFACE OF STAND AND AND AND AND AND AND AND AND AND	MPROVEMENT THREINLISTED OF FICER OUN FICER OUN END SHOW A CONNECT OF SYSTEMS. THE SYSTEMS. THE SYSTEMS. THE SYSTEMS.	YEARS: JARTERS ARTERS Conter (Administ Ly (WFF) Island) a County, and engin aircraft s in supp	NSWC) is ration's utilizing the Virginia nearing systems ort of A	located (NASA) G g three s eastern This N systems , electr EGIS and	Wallops I at the Na oddard Spites (the shore of WC detac rvices finice syst Battle Gr	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	/	
845.20 UT B. MAJDR 721.11 BA 724.11 BA D. MISSION 0 The Nava Aero Wall Main Peni rese Ship Comm 1. OUTSTANDI A: POLLU	ILITIES TOTAL PLANNED PCHELOR EPCHELOR OF SURFACE OF STAND AND AND AND AND AND AND AND AND AND	MPROVEMENT THREINLISTED OF FICER OUN FICER OUN END SHOW A CONNECT OF SYSTEMS. THE SYSTEMS. THE SYSTEMS. THE SYSTEMS.	YEARS: JARTERS ARTERS Conter (Administ Ly (WFF) Island) a County, and engin aircraft s in supp	NSWC) is ration's utilizing the Virginia nearing systems ort of A	located (NASA) G g three s eastern This N systems , electr EGIS and	Wallops I at the Na oddard Sp ites (the shore of "C detac rvices f ilics syst Battle Gr	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	/	
845.20 UT B. MAJOR 721.11 BA 724.11 BA C. MISSION O The Nava Aero Wall Main Peni rese Ship Comm 1. OUTSTANDI A: POLLU B: INSTA	ILITIES TOTAL PLANNED PCHELOR EPCHELOR OF SURFACE OF STAND AND AND AND AND AND AND AND AND AND	MPROVEMENT THREINLISTED OF FICER OUN FICER OUN END SHOW A CONNECT OF SYSTEMS. THE SYSTEMS. THE SYSTEMS. THE SYSTEMS.	YEARS: JARTERS ARTERS Conter (Administ Ly (WFF) Island) a County, and engin aircraft s in supp	NSWC) is ration's utilizing the Virginia nearing systems ort of A	located (NASA) G g three s eastern This N systems , electr EGIS and	Wallops I at the Na oddard Spites (the shore of WC detac rvices finice syst Battle Gr	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	/	
B. MAJOR 721.11 BA 724.11 BA C. MISSION O The Nava Aero Wall Main Peni rese Ship comm 1. OUTSTANDI A: POLLU B: INSTA	ILITIES TOTAL PLANNED PCHELOR EPCHELOR OF SURFACE OF STAND AND AND AND AND AND AND AND AND AND	MPROVEMENT THREINLISTED OF FICER OUN FICER OUN END SHOW A CONNECT OF SYSTEMS. THE SYSTEMS. THE SYSTEMS. THE SYSTEMS.	YEARS: JARTERS ARTERS Conter (Administ Ly (WFF) Island) a County, and engin aircraft s in supp	NSWC) is ration's utilizing the Virginia nearing systems ort of A	located (NASA) G g three s eastern This N systems , electr EGIS and	Wallops I at the Na oddard Spites (the shore of WC detac rvices finice syst Battle Gr	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	/	
845.20 UT B. MAJOR 721.11 BA 724.11 BA C. MISSION O The Nava Aero Wall Main Peni rese Ship Comm 1. OUTSTANDI A: POLLU B: INSTA	ILITIES TOTAL PLANNED PCHELOR EPCHELOR OF SURFACE OF STAND AND AND AND AND AND AND AND AND AND	MPROVEMENT THREINLISTED OF FICER OUN FICER OUN END SHOW A CONNECT OF SYSTEMS. THE SYSTEMS. THE SYSTEMS. THE SYSTEMS.	YEARS: JARTERS ARTERS Conter (Administ Ly (WFF) Island) a County, and engin aircraft s in supp	NSWC) is ration's utilizing the Virginia nearing systems ort of A	located (NASA) G g three s eastern This N systems , electr EGIS and	Wallops I at the Na oddard Spites (the shore of WC detac rvices finice syst Battle Gr	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	/	
845.20 UT B. MAJDR 721.11 BA 724.11 BA O. MISSION O The Nava Aero Wall Main Peni rese Ship comm 1. OUTSTANDI A: POLLU B: INSTA	ILITIES TOTAL PLANNED PCHELOR EPCHELOR OF SURFACE OF STAND AND AND AND AND AND AND AND AND AND	MPROVEMENT THREINLISTED OF FICER OUN FICER OUN END SHOW A CONNECT OF SYSTEMS. THE SYSTEMS. THE SYSTEMS. THE SYSTEMS.	YEARS: JARTERS ARTERS Conter (Administ Ly (WFF) Island) a County, and engin aircraft s in supp	NSWC) is ration's utilizing the Virginia nearing systems ort of A	located (NASA) G g three s eastern This N systems , electr EGIS and	Wallops I at the Na oddard Spites (the shore of WC detac rvices finice syst Battle Gr	tional acu flig Main Ba tha Delm hment pr or Navy ems and	3,750 3,750 3,700 f the ht Center se, the an a ovides surface	,	

DD FORM 1390 1DEC76

1 COMPONENT	FY 1	9 91 MILITARY CO	NSTRUC	TION	PROJ	ECT DA	TA 2. D	ATE	
3. INSTALLATION A	ND LOC	ATION		4. PROJ	ECT TI	TLE			
NAVAL SURFACE					AEGIS COMMAND AND LIFE SUPPORT				
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUI					ER	8. PROJI	ECT COST (1000)	
0605896N	0605896N					5	460		
		9. COI	T ESTIMAT	28					
		ITEM		Ju	/M Q	JANTITY	UNIT COST	COST (\$000)	
BUILDING . BUILT-IN EQUENTING AND SPECIAL CON UTILITIES. PAVING AND SUBTOTAL . CONTINGENCY (TOTAL CONTRAC SUPERVISION, TOTAL REQUEST	CILIT STRUC SITE 	NT	(5.5%)	. S	F S S S S S S S	35,900 35,900 - - - - - - - - -	1- 102.00 - - - - - - - - NON-ADD	(60) 1,190 (210) (310) (670) 4,930 250 5,180 280 5,460	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame building, pile foundation, concrete floor, built-up roofing, sensitive compartmented information facility construction, intrusion detection system, TEMPEST shielding, fire protection system, air conditioning, utilities.

11. REQUIREMENT: 35,900 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Consolidates the warfare training, administrative and logistical support functions into a single facility to augment the AEGIS Combat Systems Center (ACSC) at Wallops Island, Virginia. (Current mission.) REQUIREMENT: Adequate facilities for the ACSC to fulfill the needs of operational support to the rapidly increasing number of CG-47 and DDG-51 class cruisers and destroyers entering the fleet. Furnish spaces for the long-term need of training, electronic equipment staging and storage capability for tactical equipment spares and systems backfit, and administrative space to support two shore based operational ACSC sites. CURRENT SITUATION: Navy's present shipbuilding program is to add 56 AEGIS ships to the fleet, with 10 ships already in fleet use. An ACSC has been established at the NASA Wallops Island Flight Facility (WFF). There are no administrative and logistical support facilities to provide the necessary support to the ACSC. Navy occupies storage space leased from NASA on a short-term basis, and NASA has advised Navy that this space must be vacated soon to become available for their own requirements. Administrative spaces used by the Navy are in bachelor enlisted quarters on a short-term "request (Continued on DD 1391c)

DD1 PEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 4 5

1. COMPONEN	IT T		2. DATE
	- 1	FY 19 91 MILITARY CONSTRUCTION PROJECT DAT	TA I
NAVY			
3. INSTALLAT	TION A	ND LOCATION	
NAVAL SUR		WARPARE CENTER, WALLOPS ISLAND, VIRGINIA	PROJECT NUMBER
4. PROJECT T	ITLE	* **'	PROJECT NOMBER
APCTS CO	4M2 NO	AND LITER CURPORE BACILIEV	P-327
		AND LIFE SUPPORT FACILITY ENT: (Continued)	P=321
CURRENT S		•	
		basis, and must be vacated by February 1990.	It is
		hat relocatable structures will be in place and	
		he expanding supply and administrative function	
		this project, the relocatable facilities will	
		Training is being conducted at the Navy AEGIS	
-		n the NASA rocket launching range of Wallops Is	
classroom	n lev	el team training and participation in engineeri	ng tests and
exercises	s is !	being impeded by the overcrowded facilities at	ACSS.
Eva cuation	ons b	ecause of rocket launches have interrupted the	scheduling of
		the tight training routines of crews being indo	· · · · · · · · · · · · · · · · · · ·
_		onal assignments, operational exercises, and en	gineering test
functions			
		PROVIDED: Navy will be unable to provide the	*
		ng and logistical support to the AEGIS Syster	
		•	it for its
		e WFF. Navy may have to abandon the ACSS and other location, thereby losing an optimum local	
		expense to the government for facilities alread	
on Wallop			y constructed
-	-	NTAL DATA:	
a.		mated design status: (Project design conforms	to Part II of
		book 1190, "Facility Planning and Design Guide.	5
		,,,	· ·
	(1)	Status:	•
		(a) Date Design Started	4-89
		(b) Percent Complete as of January 1990	50
		(c) Date Design 35% Complete	10-89
		(d) Date Design Complete	6-90
	(2)	Basis:	
		- · · · · · · · · · · · · · · · · · · ·	sNo_X
		(b) Where Design Was Most Recently Used:	N/A
			(*****
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(<u>\$0.70</u>)
		(a) Production of Plans and Specifications	
		(b) All Other Design Costs	
		(c) Total	430
		(e) In-house	
		(E) AII-IIUUSE	
	(4)	Construction start	1-91
	\ - /		onth and year)
b.	Equi	pment associated with this project which will b	•
	-	propriations: None.	
	F	r-r	1

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

INSTALLATIO	N AND LO	CATION			4. COMMA	ND		5	. AREA CO	
TRIDENT R						ANDER IN (:	COST I	NDEX
PERSONNEL	ASHINGTON	PERMANEN			STUDENTS			SUPPORTE	1.14 D	
STRENGTH	OFFICER	EMLISTED	CIVILIAN	OFFICER			OFFICER		CIVILIAN	TOTAL
O9/30/88	54	674	374	-	0	0	0	0	0	110
1994	52	798	374		0	0	٥	0	ò	122
			7.	INVENTO	RY DATA ((000				
D. INVENTORY D. AUTHORIZA D. AUTHORIZA D. AUTHORIZA D. PLANNED I D. REMAINING D. GRAND TO	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN HREE PROG	THIS PROFOLLOWING	GRAM PROGRAM				59,360 3,640 3,010 2,100 48,260 26,040 52,410		_
. PROJECTS CATEGORY CODE	KEQUESTED	PROJECT				SCOPE	C	OST 000:	DESIGN :	
		MM STOREH			_	11,500 L\$	SF	2,100 910 3.010	11/88	01/90 09/89
. FUTURE PR	OJECTS:									
A. INCLUD 610.20 DA		LLOWING P SSING CTR				10,000	SF	2,100 2,100		
B. MAJOR 213.30 HU 441.10 SU 159.64 WA	LL GLEAN: PPLY WAR!	ING/COATI EHOUSE				28,500 136,610 LS	SF	6.700 14.000 12.030		
	DUSTRIAL					ĹŠ		14,230		
. MISSION D	ide comp arines,	lete repa including	and real requ	ired ser	ice for t vices for ES: (50	ships al				
	TION ABAT	RESTORATI		(OSH):		0				
DUTSTANDI A: POLLU B: INSTA	TION ABAT	RESTORATI		(OSH):		0				•

DD FORM 1390 1DEC76

1. COMPONENT							2. 0/	ATE	
NAVY	FY 1	19 <u>91</u> MILITARY CO	NSTRUC	TIO	N PR	DIECT DA	ΓΑ		
. INSTALLATION A	ND LOC	ATION		4. PF	OJECT	TITLE			
TRIDENT REFI	FACI	LITY,		HAZARDOUS AND FLIMMABLE					
BANGOR, WASHI	NGTON	<u> </u>		STOREHOUSE					
S. PROGRAM ELEME	INT	6. CATEGORY CODE	7 PROJEC	TNU	MBER	B. PROJE	CT COST (S	000)	
0101896N 441.30 P-0						2	,100		
		9. CO	BT ESTIMA	TE\$					
		ITEM			U/M	QUANTITY	UNIT COST	COST (8000)	
HAZARDOUS AND	FLAN	MABLE STOREHOUSE			SP	11,500	118.00	1,360	
SUPPORTING FA	CILIT	IES			-	-	2	540	
UTILITIES.				•	LS	-	-]	(160)	
		IMPROVEMENT		•	LS	-	-	(380)	
SUBTOTAL				•	-	-	-	1,900	
CONTINGENCY (•	-	-	-	90	
TOTAL CONTRAC			• • • •	٠	-	-	-	1,990	
		CTION & OVERHEAD		•] -	-	-	110	
		• • • • • • •		•	-	_		2,100	
EQUIPMENT PRO	WIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NO	N-ADD)	(0)	
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					1]		
					j]		
					1		l i		
O DESCRIPTION OF	5 0 0 O 0 C	SED CONSTRUCTION				L	·		

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete and masonry building, concrete foundation and floor, built-up roof, access doors, fire protection system, ventilation system, loading dock, automated storage and retrieval system, 15-foot high stacking height, utilities, security fencing.

11. REQUIREMENT: 11,500 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides storage warehouse for hazardous materials to support the TRIDENT submarine program. (Current mission.)

REQUIREMENT: Adequate and properly-configured facility for storage of hazardous materials including flammable, corrosives, oxidizers, and other regulated material. Bangor provides industrial support for the TRIDENT submarine and performs depot level overhauls of equipment in the TRIDENT Planned Equipment Replacement Program. Industrial support for the submarine is accomplished during short and very labor intensive refit periods. Proper levels of supply stock, conveniently located, are necessary for performing all planned as well as emergent work in an efficient and timely manner.

CURRENT SITUATION: Initial planning for supply functions at this facility did not provide hazardous storage. Temporary storage space has been provided in a metal prefabricated building, which is occupied jointly with the fiberglass and plastics shop, inside the general warehouse and in the POL storage facility. These buildings do not comply with the governing regulations for hazardous storage facilities.

(Continued on DD 1391c)

3. INSTALLATION AND LOCATION TRIDENT REFIT FACILITY, BANGOR, WASHINGTON 4. PROJECT TITLE	S. PROJECT NUMBER P=050
4. PROJECT TITLE	
	P-050
HAZARDOUS AND FLAMMABLE STOREHOUSE	
11. REQUIREMENT: (Continued) IMPACT IF NOT PROVIDED: The ability to safely store hazard will not be possible. Failure to stock the required levels materials will result in production delays which could have impact on ship departure schedules. 12. SUPPLEMENTAL DATA:	of hazardous
12. SUPPLEMENTAL UNIA:	
a. Estimated design status: (Project design conforms Military Handbook 1190, "Facility Planning and Design Guide	
(1) Status: (a) Date Design Started(b) Percent Complete as of January 1990 (c) Date Design 35% Complete(d) Date Design Complete	100 5-89
	/esNo_X
<pre>(3) Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs</pre>	(<u>130</u>) (<u>240</u> (<u>220</u>)
(4) Construction start(r	4-91 month and year)
b. Equipment associated with this project which will from other appropriations: None.	be provided .

1. COMPONEN	NT	!	FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	OGRAM	İ	2. DATE		
3. INSTALLA	TION	AND LO	CATION			4. COMMAI	ND			S. AREA CO		
		INING F	ACILITY,			CHIEF OF NAVAL EDUCATION AND TRAINING				COST INDEX		
6. PERSONNE			PERMANEN'	<u> </u>		STUDENTS			SUPPORT		Γ	
STRENGTH		OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL	
09/30/6		47	428	39	25	433	0	0	0	. 0	972	
1994	\bot	51	436	43	25	433	С	٥	<u> </u>	. 0	988	
· · · · · · · · · · · · · · · · · · ·				7.	INVENTO	RY DATA S	(000					
	IZATI IZATI D IN ING D TOTA FIRE T	ON REOL ON INCL NEXT THE EFICIEN L DUESTED FIGHTI OTAL	ESTED IN I UDED IN I IREE PROGI	THIS PROFOLLOWING RAM YEARS PROGRAM: TITLE	GRAM PROGRAM		• • • • •	C	0 0 0 0 0 44.980 0 5† 6000 3,600	DES:GN : <u>STAR7</u> 11/88		
10. MISSION Pr	ONE O OR O OR O OR O OR O OR O OR O OR O O	MAJOR F 2 feet 1 net ass h spect	ities and igned to fic opera tiveness	training the Navy ationally of their	SUBJECTION SUBJECT SUB	ne base Ba Support Systems:		hington;		ma		
B: INS	STALL	ATION R	ESTORATIO	DN D HEALTH	(OSH):		0					

DD FORM 1390 1DEC76 PAGE NO. 455

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TITLE IGHTING TRAINING	FROJECT T FIRE F: PACILIT NUMBER		ACILITY, 6. CATEGORY CODE 179.45 6. CO	AND LOCATION NING FACIL LINGTON	AVY INSTALLATION A RIDENT TRAIS ANGOR, WASH PROGRAM ELEM 0804731N
3,600 QUANTITY UNIT COST (8000) 14,320 - 2,090 5,770 165,00 (950 8,550 129,00 (1,100)	FIRE F: PACILITY NUMBER ES U'M C	7 PROJEC	ACILITY, 6. CATEGORY CODE 179.45 6. CO	NING FACIL	RIDENT TRAIS ANGOR. WASH PROGRAM ELEM
3,600 3,600 3,600 3,600 3,600 14,320 - 2,096 5,770 165.00 (956 8,550 129.00 (1,106	PACILITY NUMBER	P-993	179,45 0. CO	INGTON	ANGOR . WASH
8. PROJECT COST (8000) 3,600 DUANTITY UNIT COST (8000) 14,320 - 2,096 5,770 165,00 (956 8,550 129,00 (1,106)	U'M C	P-993	179,45 9. CO		PROGRAM ELEM
3,600 DUANTITY COST (8000) 14,320 - 2,096 5,770 165,00 (956 8,550 129,00 (1,106)	. SF	P-993	179.45 9. co	ENT 6. CA	
QUANTITY UNIT COST (8000) 14,320 - 2,096 5,770 165,00 (956 8,550 129.00 (1,106)	. SF		9. CO		0804731N
QUANTITY UNIT COST (8000) 14,320 - 2,096 5,770 165,00 (956 8,550 129.00 (1,106)	. SF		9. CO		40041371
14,320 - 2,090 5,770 165.00 (950 8,550 129.00 (1,100	. SF				
5,770 165.00 (950 8,550 129.00 (1,100			ITEM	ı	
8,550 129.00 (1,100			NING FACILITY	G TRAINING	IRE FIGHTIN
	. SF		IG	UILDING.	TRAINING B
	. SP			ILDING .	SUPPORT BU
- - (•)	. Ls		NT	QUIPMENT .	BUILT-IN E
- - 1,186	. -		'IES	ACILITIES.	UPPORTING F
- - (310	. LS		TION FEATURES	NSTRUCTION	SPECIAL CO
(750	. LS				UTILITIES.
- (100	. LS		IMPROVEMENT	SITE IMP	PAVING AND
- - 3,25	.] -]				UBTOTAL
- 16	. -			(5%)	ONTINGENCY
- 3,41	. -				OTAL CONTRA
- <u>19</u> 1	. -	(5.5%).	CTION & OVERHEAD	INSPECTION	UPERVISION,
- 3,60	· -			T	otal reques
- (NON-ADD) (IS -	PRIATIO	FROM OTHER APPRO	OVIDED FRO	QUIPMENT PR
-	ıs -)PRIATIO	FROM OTHER APPRO	ROVIDED FRO	QUIPMENT PR

Steel-frame and reinforced concrete buildings, pile foundations, concrete floors, masonry walls, intrusion detection systems, fire protection system, utilities, air conditioning, wastewater treatment tanks and pumps, proprane tanks, water storage tanks and pumps, technical operating manuals.

11. REQUIREMENT: 14,320 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF PROJECT: Provides a fire fighting trainer. (Current mission.) REQUIREMENT: Adequate facilities to accommodate three submarine-unique hands-on fire fighting training courses for 6,000 students per year. CURRENT SITUATION: Currently, there is no capability for conducting realistic fire fighting training. Present training is limited in scope and conducted in an interim fire fighting trainer which only provides exposure to basic fire fighting principles.

IMPACT IF NOT PROVIDED: The activity will not be able to meet the established mission for fire fighting training because of the limitations of the interim trainer. The combat readiness of operating submarines will be degraded.

(Continued on DD 1391c)

DD, FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNACLY
UNTIL EXHAUSTED

456

PROJECT T		TRAINING FACILITY	S. PROJECT NUMBER
		NTAL DATA:	<u></u>
à.	Esti	mated design status: (Project design confor book 1190, "Facility Planning and Design Gui	ms to Part II of de.")
	(1)	Status: (a) Date Design Started	<u>100</u>
	(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	YesNo_X
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(245 405 (305
	(4)	Construction start	12-90 (month and year)
b. com oth	_	pment associated with this project which wil propriations: None,	l be provided

INSTALLATI	N AND LO	CATION	-		4. COMMA	9		- 5	. AREA C		
PUGET SOU PREMERTON		SHIPYARD			NAVAL SEA SYSTEMS					COST INDEX	
PERSONNEL	<u> </u>	PERMANEN	T		STUDENTS	SUPPORTE	SUPPORTED				
STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTA	
08/30/88 END FY	153	1415	11850	•	0	•	250	6000	0	196	
1994	153	1415	11850	0	0	. 0	250	6000	. 0	196	
				INVENTO	AY DATA G	(000					
I. TOTAL ACR INVENTORYA I. AUTHORIZA I. AUTHORIZA I. AUTHORIZA I. PLANNED I I. REMAINING II. GRAND TO	TOTAL A TION NOT TION REQ TION INC N NEXT T DEFICIE	YET IN II UESTED IN LUDED IN I HREE PROGI	NVENTORY THIS PRO FOLLOWING RAM YEARS	GRAM PROGRAM			-	09.030 30.450 1,700 2,700 1,000 91.390 36.270			
ATEGORY								05T	DES1GN	STATUS	
813.20 DR	v DOCK III	PROJECT TILITIES (SCOPE LS		. 700	11/88	CDMPLI 09/89	
	TOTAL							1,700			
FUTURE PR	OJECTS:										
		LLOWING P UB MOVING				LS		2.700 2.700			
B MAJOR 213.10 DR	PLANNED (FYEARS			LS		1,000			
carr supp and prov	tenance lens, and ont providing drydockil ldes sup	and overnade stack roed inch inch inch inch inch inch inch inch	and flee udes conv face ship sir and s	t ballis ension, s and mo ubmarine	ips up to tic missi overnaul, denn subm warfare	le submar repair. erines weapon \$y	ines L alterati The yald	ogistic ons.			
A POLLU	TION ABA	TION AND TEMENT RESTORATION SAFETY AND	DN			3c' 0 0					

1. COMPONENT	FY 1	19_91 MILITARY CO	NSTRUC	TION	N PRO	DJECT DA	TA 2. D	ATE
3. INSTALLATION	NO LOC	ATION		4. PR	OJECT	TITLE		
PUGET SOUND	NAVAL	SHIPYARD.	i					
BREMERTON. W		· ·		DRY DOCK UTILITIES UPGRADE				
5. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC				CT COST (
0702228N	P-252 1,				700			
 .		9. COS	T FSTIMA	<u>res</u>			,	
		ITEM			U/M	QUANTITY	UNIT COST	(\$000)
DRY DOCK UT	LITIES	UPGRADE			LS	-	-	1,530
SUBSTATION	ι				LS	_	l – i	(470)
SWITCHING	STATIC	ж			LS	-	¦ -	(550)
SERVICE TO					LS	-		(420)
MECHANICAL	. UTILI	TIES			LS	-	-	(<u> </u>
SUBTOTAL		• • • • • • • •		.	-	-	-	1,530
CONTINGENCY				•	-	-	-	80
TOTAL CONTRA			• • • •	•	-	-	-	1,610
1		ection & overhead	(5.5%).	•	- 1	-	-	90
TOTAL REQUES			• • • •	•	-	-		1,700
FOOTSWENT AN	COVIDED	FROM OTHER APPRO	PRIATIC	INS	-	-	NON-ADI) (0)
					i 1		1 !	
							i i	
				1				
				ļ				
į								
10. DESCRIPTION O	FPROPC	SEC CONSTRUCTION					<u></u>	

Addition of new transformer and rectifier; pure water service; building utility service tunnels; industrial electrical circuits upgrade; repair saltwater lines.

11. REQUIREMENT: As Require .

PROJECT: Installs high voltage cable, substation with switchgear, walk-through service tunnels, pure water system, and repairs salt water system. (Current mission.)

REQUIREMENT: Adequate and reliable utilities to support industrial and ship operations in accommodating overhaul and repair of a nuclear class surface ship (CGN) and submarines (SSBN, SSN) in Dry Dock 4. Two sources of electric power, one from the Bonneville Power Administration (BPA) and the other from the Shipyard power plant, via different transformers to prevent loss of power in the event one transformer should fail.

CURRENT SITUATION: Day Dock 4 was routinely used to support non-nuclear overhauls, while nuclear overhauls were accomplished in other heavily scheduled dry docks. Current utilities are adequate for supporting most classes of non-nuclear ships, but are inadequate to service and support nuclear vessels. An interim measure was taken to permit simultaneous overhauls on two nuclear submarines (SSN) and a post shakedown availability (PSA) on a TRIDENT (SSBN) by utilizing a nearby substation to power a portable transformer. Temporary power lines were routed to the dry dock

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA .
3, INSTALLATION	AND LOCATION	
DUCEM COIND	NAUAT CUTRVARD DEBMERMAN MACHTNEMAN	
4. PROJECT TITLE	NAVAL SHIPYARD, BREMERTON, WASHINGTON	S. PROJECT NUMBER
PROJECT TITLE	i	
DRY DOCK UTI	LITIES UPGRADE	P-252
11. REQUIRE	MENT: (Continued)	
CURRENT SITU	ATION: (Continued)	
to provide t	he necessary super shore power required by a 1	cs angeles class
submarine.	The 8,000 amperes required by the Los Angeles	is the largest
	er requirement for any nuclear vessel that car This temporary solution should not be conside	
	lectric power, since it leaves two dewatering	
disconnected		££
IMPACT IF NO	T PROVIDED: Inability of the shipyard to pro-	vide adequate and
	lities, including electric power, pure water,	
	impact on delaying ships and submarines under and their availability to the fleet.	going overhaul
and repairs,	and their availability to the freet.	
12. SUPPLEM	ENTAL DATA:	
a. Est	imphad danian status. /Duniant danian confoun	no ha Dawh II af
	imated design status: {Project design conformation Conformation Project design Cuicon Conformation Conf	
(1)	Status:	
	(a) Date Design Started	11-88
	(b) Percent Complete as of January 1990	100
•	(c) Date Design 35% Complete	3-89
	(d) Date Design Complete	9-89
(2)	Basis:	
	(a) Standard or Definitive Design:	YesNo_X
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
	(a) Production of Plans and Specifications	
	(b) All Other Design Costs	
	(c) Total(d) Contract	
	(e) In-house	`~
	(4),	<u></u> /
(4)		10-90 (month and year)
b. Equ	ipment associated with this project which will	l he provided
	ppropriations: None.	r ne broatnen
	•	

DD 1 FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 460

· · · · · ·

FY 1991 MILITARY CONSTRUCTION PROGRAM									2. DATE		
NAVY		FY	1991 MIL	HARY C	ONSTRUC	ION PRO	JGKAM				
3. INSTALLATI	ON AND LO	CATION			4. COMMA	ND			5. AREA C		
NAVAL STA Everett,		ON				ANDER IN	i	1.14			
6. PERSONNEL		FERMANEN	r		STUDENTS		SUPPORT				
STRENGTH	OFFICER ENLISTED CIVILIAN OFFICER				ENLISTED	CIVILIAN	OFFICER	ENLISTE	CIVILIAN	TOTAL	
a. AS OF 09/30/88 b. END FY	0	0	c	0	0	0	٥	(0	0	
1994	407	7117	620	0	٥	0	•		0	8144	
			7.	INVENTO	RY DATA ((000				<u> </u>	
a. TOTAL ACR b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO 8. PROJECTS	TOTAL A TION NO! TION REQ TION INC N NEXT T DEFICIE TAL	YET IN II UESTED IN LUDED IN HREE PROG NCY	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM			1	20,750 70,520 22,150 14,280 48,000 67,200 42,900			
CATEGORY								OST		STATUS	
131.15 CC	MMUNICAT	PROJECT IONS FACI				SCOPE 6,150		1,650	<u>START</u> 06/85	COMPLETE 09/88	
812.30 CA	RRIER PI	FIRE STATER SUPPORTAND SITE	r			6,930 LS LS	SF	1,750 11,960 6,790	06/85 07/85 07/85	09/88 09/86 11/88	
9. FUTURE PR	TOTAL							22,150			
		LLOWING P	ROGRAM								
812.30 CV	BG SUPPO	RT COMPLE	x			ĻS		14,280			
		NEXT THRE RT COMPLE				16,000	SF	48,000			
aux i faci	ide home liaries lities,	FUNCTIONS port faci of the Pa exchange, services.	lities an cific Fle	et. Pro	vide harb	or and wa	terfront				
11. OUTSTAND	NG POLLU		SAFETY DE	FICIENCI	<u>ES</u> : (<u>\$</u> 0	00)					
B: INSTA	LLATION	RESTORATION AND SAFETY AND		(DSH) :		ŏ					
			_								
			•								
		•									

1. COMPONENT	FY	19_91 MILITARY CO	NSTRUC	TIOI	N PR	OJECT DA	TA 2. 1	PATE
3. INSTALLATION A		ATION		4. PR	OJECT	TITLE		
EVERETT, WAS	•	ON		C.P	RRIE	R PIER SU	PPORT	
5. PROGRAM ELEM	ENT	S. CATEGORY CODE	7. PROJEC	TNU	MBER	8. PROJ	CT COST	(\$000)
0204796N	0204796N 812.30			P-08	9		11,9	0
		9. COS	T ESTIMAT	res			·	•
		ITEM			U/M	QUANTITY	COSY	COST (\$000)
CARRIER PIER	SUPPO	ORT	• • • •	•	LS	-	-	10,800
1		STORAGE	• • • }•		LS	-	-	(3.570)
f	CES/P	UBLIC WORKS/GROUND	SUPPOR	T.	LS	-	-	(_5,230)
SUBTOTAL CONTINGENCY	(58)		• • • •	•		· -	\ <u>-</u>	10,800
TOTAL CONTRA			· · · ·	•]	_	11,340
		ECTION & OVERHEAD	(5.5%).	:	_	_	_	620
TOTAL REQUES					-	-	-	11,960
EQUIPMENT PR	OVIDE	FROM OTHER APPRO	PRIATIO	NS	-	- (NO	N-ADD)	(0)
								į

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Four one-story steel frame and masonry buildings, concrete floors, built-up roofs, pile foundations; cranes, hoists, port control tower, open storage, utilities, paving, site improvements.

11. REQUIREMENT: As Required.

<u>PROJECT:</u> Constructs a transit shed, hazardous/flammable storage facility, open and covered storage, port services and public works shops, a port control tower, and a ground support and armament handling equipment shed. (New mission.)

REQUIREMENT: Adequate facilities to support the homeporting of an Aircraft Carrier Battle Group (CVBG) as part of the Navy's strategic homeporting initiative in the Pacific Northwest. The primary mission of port services and public works is to manage safe berthing of the battle group and provide necessary in-port services such as brows, utility connections, tow services and facility maintenance. The transit shed will provide for storage, laydown, sorting, repackaging, and transshipment of materials going to and from ships, and a separate storage facility for hazardous and flammable materials.

CURRENT SITUATION: Naval Station Everett is a new homeport under construction. Prior increments have provided facilities needed to meet a portion of the base infrastructure and berthing requirements. However, additional operational facilities are required to provide adequate support for the CVBG.

(Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 1991_MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
NAVAL CTATT	W ENTER EACH THOMAN	
A. PROJECT TITLE	ON, EVERETT, WASHINGTON	5. PROJECT NUMBER
	ł	, -
CARRIER PIER	SUPPORT	P-089
IMPACT IF NO areas subject supply and re available for increasing re service capa	MENT: (Continued) OT THOVIDED: Materials would have to be left in the weather damage and theft. Efficiency of repair operations would be greatly reduced. Note the safe storage of hazardous materials, the risks to personnel and facilities. A lack of materials will have an adverse effect on the autof equipment.	materials o area would be ereby maintenance and
12. SUPPLEM	ENTAL DATA:	
a. Est Military Kan	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid	ns to Part II of
(1)	Status: (a) Date Design Started(b) Percent Complete as of January 1990 (c) Date Design 35% Complete(d) Date Design Complete	100
(2)	Basis:	
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(<u>395</u>) <u>1180</u> (<u>1090</u>)
(4)		1-91 (month and year)
b. Equ from other a	ipment associated with this project which will ppropriations: None.	be provided

DD 1 PEC 76 1391c S/N 0102-LF-001-3015

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

FAGE NO. 463

1. COMPONENT FY	19MILITARY CO	NSTRUC	TION PR	OJECT DA1	ΓA 2. DA	TE
3. INSTALLATION AND LO	CATION		4. PROJECT	TITLE		
NAVAL STATION,			COMMUN	ICATION F	ACILITY	
EVERETT, WASHINGT	NO		1			
5. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNUMBER	8. PROJE	CT COST (\$	000)
0204796N	131.15		P-145		1,650	·
	9. CO	BT ESTIMA	TES			
	ITEM		U/M	QUANTITY	UNIT	(\$000)
COMMUNICATION FAC	ILITY	• • • •	. SF	6,150	-	1,260
COMMUNICATION C	ENTER		. SF	4,050	189.00	(770)
TELEPHONE EXCHA	NGE		. SF	2,100	134.00	(280)
BUILT-IN EQUIPM			. Ls	-	-	(210)
SUPPORTING FACILI			. -	_	-	230
SPECIAL CONSTRU			Ls	_	1 - !	(40)
UTILITIES AND S			LS	_	- 1	(190)
SUBTOTAL			_	_	_ !	1,490
CONTINGENCY (5%)] _	_	- 1	70
TOTAL CONTRACT CO			·	_	_	1.560
	ECTION & OVERHEAD	/5.5%)		_	_	90
TOTAL REQUEST		(3,30)	· _	_	1 _ 1	1,650
	D FROM OTHER APPRO	יייינים הזייעדם	NS -	- (N	ON-ADD)	(0)
TO. DESCRIPTION OF PROP						
I	rame and masonry b	wilding	with n	re-formed	metal s	idina.
pile foundation,	access flooring, is power, utilities	fire pro	tection	and secur	ity sys	tems,

11. REQUIREMENT: 6,150 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides facilities for telecommunications and telephone

exchange functions. (New mission.)

REQUIREMENT: Adequate communication facilities to support homeporting of an Aircraft Carrier Battle Group as part of the Navy's strategic homeporting initiative in the Pacific Northwest.

CURRENT SITUATION: No facilities currently exist for telecommunications or telephones.

IMPACT IF NOT PROVIDED: An absence of facilities for telecommunications and telephone functions will impair the ability of the naval station to support the battle group.

12. SUPFLEMENTAL DATA:

- a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")

DD: 500 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 464

S/N 0102 LF-001-3910

1. COMPONENT	FY 1991 MILITARY CONSTRUCTION PROJECT D	2. DATE
3. INSTALLATION	IND LOCATION	
	n, everett, washington	
4. PROJECT TITLE		5. PAGJECT NUMBER
COMMUNICATIO	N FACILITY	P-145
12. SUPPLEM	ENTAL DATA: (Continued)	İ
	(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	1-87
(2)	Basis:	
	(a) Standard or Definitive Design:(b) Where Design Was Gost Recently Used:	Yes No X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>80</u>) <u>165</u> (<u>130</u>)
(4)		1-91 (month and year)
	ipment associated with this project which wil ppropriations: None.	l be provided
	•	
1	•	
	•	

DD 1 DEC 76 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1	19 ⁹¹ MILITARY CC	NSTRUC	TIO	N PRO	OJECT DA	7A 2. D	ATE
3. INSTALLATION AN	D LOC	ATION		4. PF	OJECT	TITLE		
NAVAL STATION				1				
EVERETT. MASH	•)N		SE	CURI	TY AND FI	RE STAT	ION
5. PROGRAM ELEMEN		6. CATEGORY CODE	7. PROJE				CT COST (
		\	1					
U204796N							1.750	
		9. CO	ST ESTIMA	TES				
		ITEM			U/M	QUANTITY	UNIT COST	COST (\$000)
SECURITY AND	FIRE	STATION			SF	6,930	-	1,290
FIRE STATIO	N				SF	4,720	141.00	(670)
POLICE STAT	ION .				SF	2,060	155.00	(320)
SENTRY SHEL	TERS.				SF	150	67.00	(10)
BUILT-IN EQ	UIPME	NT		•	LS	_		(290)
SUPPORTING FA	CILIT	ries			-	-		290
SPECIAL CON	STRUC	TION FEATURES			LS	-	-	(70)
UTILITIES A	ND SI	TE IMPROVEMENT .			LS	-	-	(220)
SUBTOTAL					-	-	-	1,580
CONTINGENCY (5%).				-	-	-	80
TOTAL CONTRAC	T COS	T			-	-	-	1,660
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%)		-] -	-	90
TOTAL REQUEST					-	-	-	1,750
EQUIPMENT PRO	VIDED	FROM OTHER APPR	OPRIATIO	ONS	-	(1)	ON-ADD)	(0)

One-story steel frame and masonry building on pile foundation, high-bay area in fire station, security tower on the mole, two sentry shelters, utilities, security system, fire protection system, special ventilation, emergency electric power.

11. REQUIREMENT: 6,930 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a fire station, police station, security observation tower, and two sentry shelters. (New mission.)

REQUIREMENT: Adequate security and fire fighting facilities to protect the ships of the aircraft carrier battle group and the station.

CURRENT SITUATION: No facilities currently exist for security or fire protection.

IMPACT IF NOT PROVIDED: Without an on-base fire station, fire fighting service will have to be provided by the City of Everett fire department. The increased time required to answer alarms will increase the potential for loss of property and life. Security for the battle group and the station will be severely impaired without facilities to house required security operations.

(Continued on DD 1391c)

DD 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	r		2. DATE
NAVY		FY 19_91MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLAT	IONA	ND LOCATION	
		on, EVERETT, WASHINGTON	
4. PROJECT TI	TLE		5. PROJECT NUMBER
SECURITY	AND	FIRE STATION	P-117
12. SUP	PLEM	ENTAL DATA:	
4 .	Est	imated design status: (Project design confor	ms to Part II of
		dbook 1190, "Facility Planning and Design Gui	
	(1)	Status:	
		(a) Date Design Started	•••• <u>6-85</u>
		(b) Percent Complete as of January 1990 (c) Date Design 35% Complete	1-97
		(d) Date Design Complete	
	(2)	Basis:	
		(a) Standard or Definitive Design:	
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a) Production of Plans and Specifications	(95
!		(b) All Other Design Costs(c) Total	
I		(d) Contract	
		(e) In-house	
	(4)	Construction start	1-91 (month and year)
			· •
b. from oth		ipment associated with this project which wil	.l be provided
			•

1. COMPONENT	FY 1	19_91_MILITARY CO	NSTRUC	TION PR	OJECT DA		DATE	
3. INSTALLATION	ND LOC	ATION		4. PROJEC	TITLE			
NAVAL STATION	•	N.		UTILIT	IES AND S	ITE IMP	IMPROVEMENTS	
5. PROGRAM ELEM		S. CATEGORY CODE	7. PROJEC	TNUMBER	8. PROJ	ECT COST	(\$000)	
0204796N		932.20		2-082		6.79	10	
		9. COI	T ESTIMAT	ES	,			
		METI		U/M	QUANTITY	COST	(\$000)	
UTILITIES. SITE IMPRO SUBTOTAL CONTINGENCY TOTAL CONTRA SUPERVISION, TOTAL REQUES	VEMENT (5%) CT COS INSPE	T	(5.5%).	. -	- - - - - (NG	- - - - - - - - - N-ADD)	6,130 (3,660) (2,470) 6,130 310 6,440 350 6,790 (0)	
A DESCRIPTION A	a a a a a a a a a a a a a a a a a a a	SED CONSTRUCTION						

Utilities including sanitary sewer, potable water, electrical, telecommunications, natural gas; utility connections, storm drainage, grading, surcharge, fencing, paving, site improvements.

11. REQUIREMENT: As Required.

PROJECT: Constructs utilities and site improvements, provides for utilities connections. (New mission.)

<u>REQUIREMENT</u>: Adequate utilities and site improvements required for homeporting an Aircraft Carrier Battle Group (CVBG) as part of the Navy's strategic homeporting initiative in the Pacific Northwest.

<u>CURRENT SITUATION:</u> Naval Station Everett is a new homeport under construction. Prior increments have provided facilities needed to meet a portion of the base infrastructure requirements. However, completion of these facilities is necessary to provide adequate support for the CVBG.

<u>IMPACT IF NOT PROVIDED:</u> Utilities and site improvements required for facilities being constructed to support the CVBG will be incomplete, resulting in severe adverse impacts on homeport operations.

(Continued on DD 1391c)

DD, 500%, 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

44.5

1. COMPONENT		2. DATE						
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA						
3. INSTALLATION	AND LOCATION							
L	n, everett, washington							
4. PROJECT TITLE		5. PROJECT NUMBER						
UTILITIES AND	D SITE IMPROVEMENTS	P-082						
12. SUPPLEM	ENTAL DATA:							
	a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")							
(1)								
	(a) Date Design Started	···· <u>7-85</u>						
	(b) Percent Complete as of January 1990	100						
	(c) Date Design 35% Complete							
	(d) Date Design Complete	<u>11-00</u>						
(2)								
		YesNo_X_						
	(b) Where Design Was Most Recently Used:	N/A						
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)						
	(a) Production of Plans and Specifications.	(130)						
	(b) All Other Design Costs							
]	(c) Total							
	(d) Contract							
(4)	Construction start	1-91 month and year)						
b. Equ:	ipment associated with this project which will	. be provided						
	opropriations: None.							
	•							
		ı						
L								

1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM 5. AREA CONSTR. 3. INSTALLATION AND LOCATION 4. COMMAND COST INDEX NAVAL UNDERSEA WARFARE ENGINEERING STATION NAVAL SEA SYSTEMS KEYPORT, WASHINGTON COMMAND 1.14 6. PERSONNEL PERMANENT STUDENTS SUPPORTED STRENGTH TOTAL OFFICER CIVILIAN OFFICER ENLISTED ENLISTED CIVILIAN ENLISTED CIVILIAN OFFICER A. AS DE 09/30/88 b. END FY 20 3270 ٥ ٥ 3592 302 0 0 0 ٥ 3547 1994 20 287 3240 0 0 0 ٥ ٥ 0 7. INVENTORY DATA (\$000) M. TOTAL ACREAGE 4,939) D. INVENTORY TOTAL AS OF 30 SEP 88
C. AUTHORIZATION NOT YET IN INVENTORY.
D. AUTHORIZATION REQUESTED IN THIS PROGRAM
D. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM
F. PLANNED IN NEXT THREE PROGRAM YEARS 80,590 10,930 18,500 6,050 9. REMAINING DEFICIENCY. 43,050 174,220 8. PROJECTS REQUESTED IN THIS PROGRAM: DESIGN STATUS START COMPLETE CATEGORY CODE SCOPE PROJECT TITLE (\$000 11/88 01/90 SUB WPNS SYSTEM SHOP AUTOMATED MATRLS HDLG FAC 10,100 7,300 213.51 74,400 SF 28.490 SF 06/88 216.77 06/86 730.10 FIRE STATION 7,690 SF 08/86 04/87 TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 136.65 HELICOPTER PAD 151.10 PIER IMPROVEMENTS LS LS 316.10 HIGH ENERGY TEST FACILITY TOTAL B. MAJOR PLANNED NEXT THREE YEARS: 151.10 DOCK EXPANSION 151.20 PIER REPLACEMENT 6,100 13.670 SF 10. MISSION OR MAJOR FUNCTIONS: Proof, test, and evaluate underwater weapons, weapons systems, and componerits; exercise design cognizance of underwater weapon systems acoustic and tracking ranges and associated range equipment; provide engineering and technical support services for designated undersea warfare programs; provide material and logistics support for assigned weapon systems, weapons or components; act as in-service engineering agent for designated undersea weapons systems. 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
A: POLLUTION ABATEMENT
B: INSTALLATION RESTORATION
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): (<u>\$000</u>) 10,040

COMPONENT	FY 1	9_91 MILITARY CO	NSTRU	TIO	N PRO	JECT DA		ATE
NAVY								
. INSTALLATION		= :		1		TITLE		
		FARE ENGINEERING		1		ATED MATE		
STATION, KEY			10.000.00			ING FACIL		
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUM						S. PROJ	ECT COST (¥000)
0702031N 216.77 P-295						7,	300	
		9. CO	ST ESTIMA	TES				
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)
AUTOMATED MA	TERIAL	S HANDLING FACILI	TY	-	SF	28,490	-	5,710
BUILDING .				•	SF	28,490	60.00	(1,710)
BUILT-IN E	QUIPME	NT		•	LS	_	-	(4,000)
SUPPORTING P	ACILIT	IES			-	-	-	880
SPECIAL CO	NSTRUC	TION FEATURES			LS	_	-	(660)
UTILITIES.					LS	-	-	(160)
PAVING AND	SITE	IMPROVEMENT		•	LS	_	-	(_ 60)
SUBTOTAL] -	_	-	6,590
CONTINGENCY	(5%) .				-	-	-	330
TOTAL CONTRA	CT COS	T			-	-	_	6,920
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).		-	-	-	380
TOTAL REQUES	r				-	_	-	7.300
EQUIPMENT PR	OVIDED	FROM OTHER APPRO	PRIATIC	NS	-	- (NON-ADD	(1,440)

One-story high-bay metal building, pile foundation, concrete floor, automated high-density rack storage system with guided retrieval vehicles, computer control area, fire protection system, ventilation, utilities.

11. REQUIREMENT: 28,490 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a centralized secure automated storage facility for torpedo components. (Current mission.)

REQUIREMENT: Efficient storage, inventory, retrieval and handling of in-process MK-48 torpedo components, parts and assemblies. There are 80,000 to 100,000 major components and sub-assemblies for MK-48 and MK-48(ADCAP) torpedoes in process at any one time at the station. In 1985, the rate of production was only 276 units annually. By 1989, a production rate of 525 units will be required. Automated handling of components with real-time inventory control will be necessary to attain the production rates.

CURRENT SITUATION: Production shop floor space and some vertical storage racks are used to store MK-48 torpedo sections and parts. The amount of avaliable space is not adequate requiring many units to be stored outside and in some cases, up to six miles from the shop. Items are retrieved when needed by manually searching through the various storage sites. Frequently, several units must be moved to retrieve the required item. This method of

(Continued on DD 1391c)

1. COMPONENT		2 DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	IND LOCATION	
	EA WARFARE ENGINEERING STATION, REYPORT, WASHI	
4. PROJECT TITLE		S. PROJECT NUMBER
AUTONATED MA	TERIALS HANDLING FACILITY	P-295
CURRENT SITUS operation is costs and the for previous makes these is stringent see INPACT IF NO Mr-48 and ADM rework becaus ADDITIONAL: payback perio	MENT: (Continued) ATION: (Continued) labor intensive and inefficient which increase inventory of torpedo components. While marg MK-48 production, the addition of the MK-48 acthods no longer feasible. The ADCAP program curity and inventory regulations which must be PROVIDED: Increased costs and turn-around to CAP torpedoes caused by the congested work are see of components being damaged from multiple han economic analysis has been performed and ind of less than 2 years.	pinally adequate ADCAP workload has more accommodated. cime for the eas and increased handling.
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design conform Book 1190, "Facility Planning and Design Guid	
(1)		
	(a) Date Design Started	<u>6-86</u>
	(b) Percent Complete as of January 1990	100
	(c) Date Design 35% Complete	11-86
	(d) Date Design Complete	(-88
,		
(2)		
		Yes No X
	(b) Where Design Was Most Recently Used:	N/A
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
(-,	(a) Production of Plans and Specifications.	
	(b) All Other Design Costs	
	(c) Total	
	(d) Contract	
	(e) In-house	
(4)	Construction start	
	'	(month and year)
	ipment associated with this project which will opropriations:	l be provided
	, propromes	
	Fiscal Year	
Equipment	Procuring Appropriated	d Cost
Nomenclature		
Inventory Co	nputer System WPN-3 1990	1,440

1. COMPONENT		01							2. D.	ATE
NAVY	FY 19	91 MILITA	ARY CO	NST	RU	TIO	N /R	DJECT DA	TA	
3. INSTALLATION AN	D LOCA	TION				4. PF	OJECT	TITLE		
NAVAL UNDERSEA	WARF	are engine	EERING S	TAT	ION	1				
KEYPORT, WASHI	ngton					F	IRE S	STATION		
S. PROGRAM ELEMEN	7	. CATEGORY	CODE	7. PF	OJE	T NU	MBER	8. PROJ	ECT COST (000)
	į			İ				Ì		
0702096N		730.10			-30			1,	100	
			9. COS	T ES	TIMA	TES				
- I		ITEM					U/M	QUANTITY	COST	COST (\$000)
FIRE STATION .			• • •			•	SF	7,690	-	650
BUILDING	٠						SF	4,800	104.00	•
FIRE STATION	RENO	VATICA				•	SF	2,890	52.00	(150)
SUPPORTING FAC	ILITI	ES					-	-	1 - 1	340
UTILITIES							LS	-	 -	(270)
PAVING AND S	ITE I	MPROVEMENT	r			•	LS	-	-	(70)
SUBTOTAL						•	-	-	! -	990
CONTINGENCY (5	8) .					•	-	-	-	50
TOTAL CONTRACT	COST	'				•	-	-	-	1,040
SUPERVISION, I	NSPEC	TION & OV	ERHEAD	(5.5	5%).	٠	-	-	-	60
TOTAL REQUEST.						•	-	-	-	1,100
EQUIPMENT PROV	'IDED	FROM OTHE	R AP RO	PRI/	ATIC	NS	-	! -	(NON-ADD) (0)
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							1	}		
							1	l	1	
10. DESCRIPTION OF							<u></u>	L		l

One-story reinforced concrete frame building, concrete floor and foundation, masonry walls, built-up roof over metal decking, hose drying tower, fire protection system, ventilation, utilities; interior renovation of existing fire house for administration space and communication center.

11. REQUIREMENT: 7,690 SF. ADEQUATE: 0 SF. SUBSTANDARD: (2,890) SF. PROJECT: Constructs a two-company fire station and alters vacated building for a communications center. (Current mission.)

REQUIREMENT: Adequate facilities to insure fire protection for personnel and ammunition facilities. Response time between fire station and ship berthing and pier facilities must be less than four and one-half minutes or be within two miles of the waterfront where ships berth and load or unload ordnance and ammunition.

CURRENT SITUATION: Fire protection for this remote location is provided by station forces. The existing fire station is located on the south end of the island and cannot meet the response time or distance requirement. The existing facility only accommodates one fire company whereas two companies are required to satisfy the fire protection support necessary to prevent a major catastrophe in the event of an explosion or fire. The vacated fire house will be altered to provide a central communications center. There is presently no communications center capability on the island.

IMPACT IF NOT PROVIDED: Fire protection for personnel safety and ammunition tacilities would continue to be marginal and may jeopardize the handling (Continued on DD 1391c) and security of ordnance.

1. COMP	PONEN	17		2. 04	ATE
NAVY	·	_	FY 19_91_MILITARY CONSTRUCTION PROJECT D		
3. INST	ALLAT	TON A	AND LOCATION		
			EA WARFARE ENGINEERING STATION, KEYPORT, WASHI		· -
4. PROJ	ECT 1	ITLE		S. PROJECT N	UMBER
FIRE	STAT	PION		P-3	09
12.	qtip	Dr.EM	ENTAL DATA:		
1~.				=	_
Mili	a. tary		imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid		II of
		(1)			
			(a) Date Design Started		8-86
			(b) Percent Complete as of January 1990 (c) Date Design 35% Complete		
			(d) Date Design Complete		
		(2)	Basis:		
		٠	(a) Standard or Definitive Design:		о <u>х</u>
			(b) Where Design Was Most Recently Used:	N/A	
		(3)			(<u>\$000</u>)
			(a) Production of Plans and Specifications. (b) All Other Design Costs		
			(b) All Other Design Costs		
			(d) Contract	(90)
			(e) In-house	_	20)
		(4)	Construction start(12-90 (month and	
	b.	Equ:	ipment associated with this project which will	L be provi	ded
from			ppropriations: None.		
				•	
				•	
			•		

1. COMPONENT	Y 19.91 MILITARY O	CAICTOUC	TION DD	DIECT DA		ATE
NAVY		ONSINUC	HUN PRI	JIECT DA	<u> </u>	
. INSTALLATION AND	LOCATION		4. PROJECT	TITLE		
NAVAL UNDERSEA	WARFARE ENGINEERING	3 STATION	SUBMA	RINE WEAP	ONS SYS	rems
KEYPORT, WASHIN			SHOP			
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	TNUMBER	8. PROJI	ECT COST (\$0 0 0)
		ł		}		
0702096N	213.51	P-33			0,100	
	9. (COST ESTIMAT	ES	 		
	ITEM		U/M	QUANTITY	COST	COST (\$000)
SUBMARINE WEAPO	NS SYSTEMS SHOP .		. SF	74,400	111.00	8,260
SUPPORTING FACI	LITIES		. -	-	-	860
SPECIAL CONST	RUCTION FEATURES.		. LS	-	-	(420)
UTILITIES			. LS	-	i - !	(330)
PAVING AND SI	TE IMPROVEMENT		. LS	-	-	(110)
SUBTOTAL			. -	-	- :	9,120
CONTINGENCY (5%	,			-	-	450
TOTAL CONTRACT			. -	-	-	9,570
	ispection & overhead	0 (5.5%).	• -	-	! -	530
TOTAL REQUEST.			• {-	-	-	10,100
EQUIPMENT PROVI	DED FROM OTHER APP	ROPRIATIO	NS -	- (NON-ADD) (0)
			- (1	1	Į
					1	
			}			
			}	1		}
]	ļ		(
	ROPOSED CONSTRUCTION		<u>l</u>	ì		<u> </u>

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two-story steel frame and masonry building, pile foundation, concrete floors, built-up roof, shops, laboratories, office spaces, staging and storage areas, vault, computer room with computer flooring, training room, shielding; 400Hz electric power, high and low pressure air systems, temperature and humidity controlled areas, ventilation and water cooled areas, fire protection system, communications, utilities.

REQUIREMENT: 74,400 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs a facility to accommodate five vital submarine weapons shop functions, and consolidates 22 scattered submarine weapons activities. (Current mission.)

REQUIREMENT: Adequate component repair, upgrade, refurbishment and test space for fire control, defensive weapon, combat control and sonar systems to support SSN 637, 688, and 21 classes of SSBN submarines. Keyport is the designated Navy Depot for these critical submarine weapons systems and adequate facilities to support present and new programs are essential. Depot facilities must be available for a nearly five-fold increase in sorar systems between 1986 and 1992. Combat control system support will increase by 150% during the same period. For the SCBN combat system, sonar and defensive weapon systems work will also grow. Further requirements include a 167% increase in fire control system refurbishment work.

(Continued on DD 1391c)

DD: 508M 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY	FY 19 ⁹¹ MILITARY CONSTRUCTION PROJECT D	ATA
J. INSTALLATION	AND LOCATION	
	EA WARFARE ENGINEERING STATION, KEYPORT, WASHI	NGTON
4. PROJECT TITLE		5. PROJECT NUMBER
SUBMARINE WE	APONS SYSTEMS SHOP	P-337
shop spaces a wide separation occupy all as portions of a bangor-6 mile away. These security probable is estimated from the security probable in the security probable is estimated from the security probable in the security probable is estimated from the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in the security probable is estimated in the security probable in	ATION: Inadequate, crowded and inefficient weaker contributing to high cost operations because on of related industrial functions. Existing vailable spaces. Present shop and test functions are away, and Indian vailable spaces are buildings spread over four sites, as away, Brownsville-3 miles away, and Indian vailable dispersed locations result in unnecess olems, inefficient personnel usage, increased and an absence of centralized, cost-effections and an absence of centralized, cost-effections are work locations. The PROVIDED: Submarine combat readiness critical ense will be adversely impacted. Severe over a will worsen resulting in diminished response personnel-time because of unnecessary travelines, now computed at about 1,700 man hours and increase. Added activity costs will be incurrently consecure spaces to accommodate five new programmed design status: (Project design conform	se there is a program needs ons occupy Keyport and Island-36 miles ary travel, technical ve management. curred because to the rowding will time to the between the mally, will be d for leasing of ams.
-	Status: (a) Date Design Started	11-88 100 5-89
(2)	 (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used: Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. 	
(4)	(b) All Other Design Costs	(<u>960</u>)
_	pment associated with this project which will propriations: None.	. be provided

DD : 508M . 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	1							2	. DATE	
NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM			
3. INSTALLATIO	N AND LO	CATTON			4. COMMA	ND			AREA CO	NSTR.
NAVAL HOS				•	}	L MEDICAL		1	COST	
DAK HARBOI		NGTON			COMM			1	1,14	
6. PERSONNEL STRENGTH		PERMANEN'	T		STUDENTS			SUPPORTE	D	TOTAL
a. AS OF	OFFICER	RNLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN] '0'^-
09/30/88 b. END FY	53	112	41	0	0	0	0	0	0	206
1994	58	114	43		0	0	0	٥	0	215
		<u> </u>	7.	INVENTO	RY DATA ((000	<u> </u>	·!		
a. TOTAL ACRI b. INVENTORY C. AUTHORIZAT d. AUTHORIZAT e. AUTHORIZAT f. PLANNED IN g. REMAINING h. GRAND TOT	TOTAL ASTION NOT TON REOLITON INCLUDENT TO DEFICIENT	YET IN IN JESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM				0 0 2,170 0 0 0 2,170		
8. PROJECTS R	EQUESTED	IN THIS	PROGRAM:							
CATEGORY								OST	DESIGN	
	AT PHYS!	PROJECT				13,800 :		2,170 2,170	12/88	10/89
refre equip spati	MAJOR Fition Physisher tra	FUNCTIONS FUNCTIONS Faining to Instruction	Fraining a survey on on resind vision	in aviat piration to enab	Provide il ion physic , circula:	plogy and tion, acci and airci	life su eleratio rewmen t	pport n, o		
	ergency	situation	ns		Ritations		react b	etter 		
A: POLLUT B: INSTAL	ION ABAT	EMENT	ON .		<u>:</u> S: (<u>\$0</u>	χ΄ ο ο				

DD FORM 1390 - 1DEC76

1 COMPONENT 2 DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL HOSPITAL, AVIATION PHYSIOLOGY OAK HARBOR, WASHINGTON TRAINING FACILITY 5. PROGRAM ELEMENT 6. CATEGORY CODE B. PROJECT COST (\$000) 7. PROJECT NUMBER 0807796N 171.20 P-007 2.170 S. COST ESTIMATES U/M QUANTITY ITEM AVIATION PHYSIOLOGY TRAINING FACILITY. . . . SF 13,800 120.00 1,660 300 LS 80) LS 90) PAVING & SITE IMPR, RELOCATE, DEMOLITION . 130) LS 1,960 100 2,060 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 110 2.170 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete frame building, concrete foundation and floor, pre-cast concrete wall panels, built-up roof; administration, classrooms, specialized training and equipment rooms, instructors offices, fire protection system, air conditioning, utilities; relocate low-pressure altitude training chamber and ejection seat trainer devices; demolition of one building.

11. REQUIREMENT: 13,800 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs training facility including administrative space, classrooms, low-pressure chamber, and ejection seat training devices. (Current mission.)

REQUIREMENT: Adequate space to accommodate aviation physiology and water survival classroom training for all aviation personnel in the northwest region including fleet aviation base loading at Whidbey Island for 21 squadrons. This project will relieve congestion and fragmentation of services.

CURRENT SITUATION: Functions are now carried out in a inadequate area having structural and OSHA deficiencies and less than half the space required, and inconveniently located a considerable distance from the hospital. Austere facilities are not conducive to the presentation, practical application, and letention of vital training in flight stress and emergency procedures. Wide separation of the training spaces and

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

AGE NO.

478

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
	AL, OAK HARBOR, WASHINGTON	
4. PROJECT TITLE		5. PROJECT NUMBER
AVIATION PHY	SIOLOGY TRAINING FACILITY	P-007
CURRENT SITU classrooms f wasted motic proper locat IMPACT IF NO sufficient a	MENT: (Continued) (ATION: (Continued) (row the medical facility results in excessive on. No other facilities are available of sufficion to house these functions. (T PROVIDED: Unable to comply with directives eviation physiology and aircrew flight equipministion personnel.	icient size or to provide
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design confor dbook 1190, "Facility Planning and Design Gui	
(1)	Status: (a) Date Design Started (b) Percent Complete as of January 1990 (c) Date Design 35% Complete (d) Date Design Complete	<u>100</u> 5-89
(2)	Basis: (a) Standard or Definitive Design: (b) Where Design Was Most Recently Used:	YesNo_X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>140</u>) <u>255</u> (<u>240</u>)
(4)		11-90 (month and year)
	ipment associated with this project which wil ppropriations: None.	l be providea

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 479

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NAVY INSTALLATIO	DN AND LO	CATION	······	·	4. CDMMA	ND		1 !	S. AREA CO	ONSTR.
]			i	COST	
STRATEGIC SILVERDAL		FACILITY NGTON	PACIFIC,			TEGIC SYS' ECTS OFFI		:	1,14	
PERSONNEL STRENGTH		PERMANEN'		STUDENTS	;		SUPPORT	TOTAL		
. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	RMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	101
09/30/88 END FY	16	\$1	371	0	0	0	0	0	0	476
1994	18	98	358	0	0	0	0	0	0	474
	,		7.	HVENTO	RY DATA	8000)				
B. TOTAL ACR		S OF 30 SI	FD 88	(0)		1	18,800		
t. AUTHORIZA	TION NOT	YET IN I	YENTORY.					15,060		
d. AUTHORIZA B. AUTHORIZA								53,700 49,590		
f. PLANNED I D. REMAINING								89,790		
. REMAINING	DEFICIE	NCY					3	3,300 30,240		
h. GR: IND TO	~									
			TROUNDEN.							
CODE		PROJECT	TITLE			SCOPE		OST GGU		STATUS COMPLET
		ACILITY A				9,600		3.500	06/87	09/88
		ACILITY AU IC INSPEC		•		37,000 28,720		7 400	12/88 12/88	06/90
212.30 MD	TOR INSPI	ECTION BUT	LLDING			15,130	SF	8.000	12/88	03/90
		SEMBLY BLE DDIFICATIO				24.550	SF	7.300	06/87	09/88 04/90
		G SERVICES				LS 20,000 :	SF	1,600 3,500	04/89 09/88	09/89
932.20 U&	SI TOTAL					LS		8,600	09 '88	04/90
	TOTAL							53,700		
FUTURE PR	DUECTS:									
A. INCLUD			ROGRAM							
	H MODIFIC	SEMBLY BU	LDING			L\$ L\$		550 6,800		
212.30 MI	SSILE AS	SEMBLY BLO	& CSA			LS		2,280		
	UNCHER SI ENTRY BOI	JPPORT BU	ILDING			LS LS		2.880 8.830		
	L MOTOR					LS		6.430		
	SSILE MO					LS		12,400		
932.20 UT	TOTAL	S SITE IMP	PVS			LS		9,420 49,590		
	. h									
MISSION O		ort on wes		for the c	pperation	al TRIDEN	T system	of.		
subm	arines al	nd jong ri	ange miss	iles, inc	aluding p	rocessing	capabil	ity		
		and disas f the TRI				and non-e	xp1081ve	•		
Comp	-		/CIVI 11 (U-3) (K16)	91177					
. OUTSTANDI	NG POLLUI	TION AND	AFETY DE	FICTENCIE	S: (\$0	00)				
A: POLLU	TION ABA	TEMENT		· · · · · · · · · · · · · · · · · · ·	7. (SX	0				
B: INSTA				(neu)		0				
C: OCCUP	MITUNAL S	PAPELY AND	MEALTH	(USM):		•				
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DD FORM 1390 1DEC76

1. COMPONENT NAVY	FY 1	9_91	WIL	.iT/	۱R	γ (:01	UST	ΓR	U	CT	01	V PR	CUE	CT DA	TA	2. DA	TE	
3. INSTALLATION A	ND LOC	ATION						_		-	14	PR	OJECT	ारा	.E				_
STRATEGIC WE	APONS	FACIL	IT:	Y P	ACI	FI	C,				1	EN	IGINE	Eili	NG SEI	RVICE	S		
SILVERDALE,	w.shin	GTON									1	BU	ILJI	NG					
S. PROGRAM ELEMI	INT	6. CAT	EGO	RY	:00	E		7. P	RO	JE	CT	NUI	MBER	_	B. PROJ	ECT CC	ST (\$	000)	
0101228N 610.10										p.	-80)6			3	,500	0		
						B. C	:08	T E	STO	MA	TE	8							
		ITE	M										U/M	QUA	NTITY	NU 208		COST (3000)	
ENGINEERING	SERVIC	ES BU	ILI	DIN	ĞŢ,		•		•	•	•	•	SF	20	,000	┼─-	- 1	2,74	0
BUILDING.				•			٠				F	•	SF	20	,000	123	1.00	(2,46	0)
BUILT-IN B	QUIPME	NT		•				•	•	٠	۲.		LS		-	-	.	(28	30)
SUPPORTING P	ACILIT	IES .							٠				-		-	-	. i	42	10
ELECTRICAL	UTILI	TIES.											LS		-	-	•	(15	(0
MECHANICAL	UTILI	TIES.									•		LS]	-	-	- İ	(8	30)
PAVING AND	SITE	IMPRO)VE	MEN	T,								LS		-	-	•	(19	(0)
SUBTOTAL									•				-	ł	-	-	- j	3,16	0
CONTINGENCY	(5%).			•									-		-	-	-	16	0
TOTAL CONTRA	CT COS	т										٠	-	1	-) -	- 1	3,32	20
SUPERVISION,	INSPE	CTION	3	OV	ERH	IEA	D	(5,	. 51	•)	•		-	ĺ	-	-	-	1.8	10
TOTAL REQUES	т												-	•	-	-	- }	3,50	νō
EQUIPMENT PR	OVIDED	FROM	1 0	THE	R /	\PP	RO	PR:	EA?	rI	ON	3	-		- (No	N-AE	(סו	()	0)
				•															

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel-frame building, masonry walls, concrete foundation and floor, built-up roof on insulated metal deck; raised flooring; fire protection and alarm systems; security system; communications; underground utilities duct system; utilities; storm drainage; air conditioning.

11. REQUIREMENT: 90,900 SF. ADEQUATE: 70,900 SF. SUBSTANDARD: 0 SF. PROJECT: Provides an engineering services building. (New mission.) REQUIREMENT: Adequate administrative, engineering, training, supply, data processing, and computer equipment spaces to support TRIDENT II missile

CURRENT SITUATION: A TRIDENT II missile processing capability does not currently exist at the base. The existing engineering services building is being fully utilized to support TRIDENT I missile production. IMPACT IF NOT PROVIDED: The base will be incapable of housing engineering administrative personnel and computer equipment required to support the TRIDENT II Strategic Weapons Facility production operations.

(Continued on DD 1391c)

1. COMPONEN		FY 19MILITARY CONSTRUCTION PROJECT D	ATA 2. DATE	
J. INSTALLAT	,			
		NS FACILITY PACIFIC, SILVERDALE, WASHINGTON		
4. PROJECT TI	TLE		S. PROJECT NUMB	ER
ENGINEER	ing ser	WICES BUILDING	P-806	
12. SUPI	Plement	AL DATA:		
a. Military		ted design status: (Project design conform ook 1190, "Facility Planning and Design Guid		of
	(1) S	tatus:		
	(a) Date Design Started	<u>10</u>	9
	(2) B	dasis:		
	(a) Standard or Definitive Design: b) Where Design Was Most Recently Used:	YesNo	<u>x</u>
	(Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	(1	00) 85) 35) 20 80)
	(4) 0	Construction start	1-91 month and ye	ar)
b. from othe		Ment associated with this project which will copriations: None.	. be provided	

1. COMPONENT									ATE
NAVY	FY 1	19 <u>91</u> MILITARY CO	NSTRUC	TIOI	N PR	DJE	CT DA	TA	
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TIT	LE		
		ACILITY PACIFIC,							
SILVERDALE, W			لبيير			E .		ATIONS	
B. PROGRAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	TNUI	MBER		B. FROJE	ECT COST (300 0)
0101228N		421.62	p.	-943	1	į		1,600	,
			T ESTIMAT						
		ITEM			U/M	au	NTITY	UNIT	COST
MAGAZINE MODI	PTCATT				LS	-		COST	(\$000)
PAGAZINE MODI SUPPORTING FA				•	-			- 1	1,090 360
		AND SITE IMPROVE	MENTS .		LS	_		- 1	(360)
SUBTOTAL				•	-	-		_	1,450
CONTINGENCY (-	-		-	_ 70
TOTAL CONTRAC					-	-		-	1,520
· ·		TION & OVERHEAD (5.5%) .	•	-	-		-	80
TOTAL REQUEST				•	-	-	,	-	1,600
EQUIPMENT PRO	VIDED	FROM OTHER APPROP	RIATION	5	-	-	(NO)	-ADD)	(0)
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10. DESCRIPTION O	FPROPO	SED CONSTRUCTION			Ц	L		<u></u>	L
		t room modificati	Ons: en	viro	מ מית מ	tal	contr	ol svet	.em
	•	ystem replacement						-	
		fication; barrier							
11. REQUIREM		As Required.							
		modifications to	three o	rdna	nce	mag	azines	for r	entry
body storage.						د			
		ate capacity of c							
	-	es to meet the requestry in the request of the contract of the					_	r te-en	try poores
		The existing mag						d for	43
ordnance stor		euraerità mañ			A1	. , ,			
	•	DED: The activit	y will :	not	have	ad	equate	capac	ity to
		quantities of re-							
		5 production oper						-	-
	•				(Con	tin	ued or	DD 13	91c)

1. COMPGIVE	NT			2. DATE
NAVY		FY 1	91 MILITARY CONSTRUCTION PROJECT DATA	
3. INSTALLA	TION	NO LOC	ATION	
STRATEG	IC WE	APONS	FACILITY PACIFIC, SILVERDALE, WASHINGTON	
4 PROJECT				IECT NUMBER
W1018711	# WA		D-A	43
MAGAZIN	E HUU	IFICAL	P-9	13
12. SU	PPLEM	ental	DATA:	
· .	Est	imated	design status: (Project design conforms to	Part II of
Militar	y Han	dùook	1190, "Facility Planning and Design Guide.")	
	(1)	Stat	114.	
	\		Date Design Started	4-89
	•	(b)	Percent Complete as of January 1990	70
			Date Design 35% Complete	··· <u>9-89</u>
		(d)	Date Design Complete	··· <u>4-90</u>
	(2)	Basi	s:	
,	•	(a)	Standard or Definitive Design: Yes_	NoX
		(b)	Where Design Was Nost Recently Used:	N/A
	(3)	Tota	al cost (c) = (a) + (b) or (d) + (e):	(\$000)
	• •	(a)	Production of Plans and Specifications	(85_)
		(b)	···	
		(c)		
		(c:) (e)	In-house	
	(4)	Cons	struction start	1-91 h and year)
			(morre	did yddi,
ь.			associated with this project which will be	provided
from Ot	her a	pprop	ciations: None.	
1				

MISSILE ASSEMBLY BUILDING
7. PROJECT NUMBER 8. PROJECT COST (\$000) UNIT 4.420 162.00 (3,960) (460) 2,170 -200) 7901 420) 760) 6,590 330

> 6,920 380

7,300

(6,880)

2. DATE

10 DESCRIPTION OF PROPOSED CONSTRUCTION

1. COMPONENT

0101228N

3. INSTALLATION AND LOCATION

STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON

5. PROGRAM ELEMENT | 6. CATEGORY CODE

MISSILE ASSEMBLY BUILDING

BUILT-IN EQUIPMENT.

SUPPORTING FACILITIES

SPECIAL CONSTRUCTION FEATURES

PAVING AND SITE IMPROVEMENT

SUPERVISION, INSPECTION & OVERHEAD (5.5%) .

EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS

BUILDING.

MECHANICAL UTILITIES.

CONTINGENCY (5*).

217,30

ITEM

NAVY

Steel-frame building with high-bay area, special concrete foundation and floors, insulated masonry and metal walls, built-up roof, loading dock; fire protection system; lightning protection; security system; electrical and mechanical utilities; storm drainage; cranes; air conditioning.

FY 1991_ MILITARY CONSTRUCTION PROJECT DATA

9. COST ESTIMATES

P-937

U/M

SF

SF

LS

LS

LS

LS

LS

QUANTITY

24,550

24,550

- (NON-ADD)

11. REQUIREMENT: 290,670 SF. ADEQUATE: 222,270 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a missile assembly building. (New mission.) REQUIREMENT: Adequate missile processing facilities to maintain the required production rate for TRIDENT II missiles. Activities include missile section buildup, horizontal missile assembly/disassembly, nose fairing mate/demate, missile transfer to and from missile transporter, missile systems testing, post-mate checkout, and final missile inspection, checkout and transfer of TRIDENT II missiles.

CURRENT SITUATION: A TRIDENT II missile processing capability does not currently exist at this facility. Existing missile assembly buildings cannot provide the total required processing capability for TRIDENT I and II missiles.

IMPACT IF NOT PROVIDED: The increased production rate of TRIDENT II missiles required to support the Pacific Fleet deployment schedule will not be possible.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE N.J. 485

1. COMPONEN	ý l				2. DATE
NAVY	`	FY 19 ⁹¹	MILITARY CONSTRUC	TION PROJECT DA	1
3. FTT ALLAT	ION A	NO LOCATION			
		PONS FACIL	ITY PACIFIC, SILVER		
4. PROJECT TI	TLE			5	PROJECT NUMBER
MISSILE A	SSEM	BLY BUILDI	NG		P-937
12. SUP	LEME	ENTAL DATA:			
a. Military			gn status: (Projec **Facility Planning		
	(1)		-	-	
	(1)	(a) Date (b) Perc (c) Date	e Design Started ent Complete as of Design 35% Complet Design Complete	January 1990 e	100 10-87
	(2)	Basis:			
	, .		dard or Definitive e Design Was Most R	•	Yes No X
	(3)	(a) Prod (b) All (c) Tota (d) Cont	et (c) = (a) + (b) of luction of Plans and Other Design Costs.	Specifications.	(<u>280</u>) (<u>675</u> (<u>655</u>)
	(4)	Construct	ion start		1-91 month and year)
	-	pment asso propriatio	ciated with this pr ns:	oject which will	be provided
Equipmen Nomenclat			Procuring Appropriation	Fiscal Year Appropriated or Requested	Cost (\$000)
	-	Mechanical al Equipmen	WPN t	1989	6,880

DD , FORM, 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. Component NAVY	FY 1	9 91 MILITARY	CONSTRUC	TIOI	N PRC	JECT DA	TA 2. 0	ATE
3. INSTALLATION A STRATEGIC WEA SILVERDALE.	APONS E	PACILITY PACIFI	c,	МО	OJECT TOR I ILDIN	NSPECTIO	N	
5. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC				ECT COST (3000)
0101228N		212.30		P-80	9		8,000)
		9.	COST ESTIMA	TES				
		ITEM			U/M	QUANTITY	COST	COST (\$000)
BUILDING. BUILT-IN EXIPPORTING FAMECHANICAL LIGHTNING PAVING AND SUBTOTA' CONTINGENCY TOTAL CONTRACT SUPERVISION, TOTAL REQUES	QUIPMEN ACILITI UTILITI UTILITI PROTECT SITE I	TES TIES TION IMPROVEMENT TION TION TION TION TION TION TION TION TION TION	AD (5.5%)		SF SF LS LS LS LS 	15,130 15,130 - - - - - - - - - - - - - - - - - - -	342.00 -	5,740 (5,180) (560) 1,480 (290) (190) (130) (870) 7,220 360 7,580 420 8,000 (2,070)

13. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-story concrete and steel frame masonry building, concrete foundation, frangible siding, built-up roof; underground utilities distribution; mechanical utilities; electrical substation and utilities; fire protection and security systems; lightning protection; cranes; air conditioning; berms; storm drainage.

11. REQUIREMENT: 290,670 SF. ADEQUATE: 222,270 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a Motor Inspection Building. (New mission.)
REQUIREMENT: Adequate facilities to maintain the required rate of first, second and third stage motor processing for TRIDENT II missiles.
Activities include thrust and vector control system installation and removal, motor pressurization leak testing, conduit installation and removal, igniter replacement, motor repair and nozzle replacement.
CURRENT SITUATION: A TRIDENT II missile processing capability does not currently exist at the base.
IMPACT IF NOT PROVIDED: The base will be unable to fulfill its function as a TRIDENT II missile assembly facility in support of the Pacific Fleet deployment schedule.

(Continued on DD 1391c)

DD 1 DEC 76 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 4 👂

1. COMPONE	NT				2. DATE
YVAN		FY 191M	ILITARY CONSTRU	CTION PROJECT D	
3. INSTALL	ATION	AND LOCATION			
		APONS FACILIT	Y PACIFIC, SILVER	'	
4. PROJECT	TITLE				5. PROJECT NUMBER
MOTOR IN	SPEC	TION BUILDING			P-809
12. SUP	PLEM	ENTAL DATA:			
a.			status: (Projec		
Military	Hand	1000K 1190, ,"	Pacility Planning	and Design Guide	••")
	(1)				10.00
			esign Started t Complete as of		
		(c) Date D	esign 35% Complet	e	6-89
		(d) Date D	esign Complete	• • • • • • • • • • • • • • • • • • • •	3-90
	(2)				
			rd or Definitive Design Was Most R	-	/esNo_X N/A
	(3)		-	-	
	(3)		(c) $=$ (a) $+$ (b) of tion of Plans and		(<u>\$000)</u> (430)
		(b) All Ot	her Design Costs.	* * * * * * * * * * * * * * * * * * * *	(300_)
			se		
	(4)	Construction	n start	•••••	1-91
		•		1)	month and year)
b. from oth		pment associ	ated with this pr	oject which will	be provided
				Fiscal Year	
Equipme			Procuring	Appropriated	
Nomencla	ture		Appropriation	or Requested	<u>(\$000)</u>
		Mechanical al Equipment	MEN	1989 - 1990	2,070
		**			
					•

DD 1 DEC 76 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT	FY 1	9 <u>91</u> MI	LITAR	Y C	SNC	TR	UC	TIO	N PR	OJE	CT DA	TA	2. D	ATE	
NAVY						• • •	_						L		
3. INSTALLATION AND LOCATION 4 PROJE								OJECT	TIT	LE					
STRATEGIC WEA	PONS I	PACILITY	PACI	FIC,			- 1	RA	DIOGI	RAPH	IC IN	SPEC!	101	1	
SILVERDALE, W								BU	ILDII	1G_					
5. PROGRAM ELEM	ENT	6. CATEGO	DRY CO	DE	7.	RO	JEC	TNU	MBER		8. PROJ	ECT CC	ST (\$000)	
							_		_						
0101228N		21	2,30					-90	7			13	13,800		
				9. CC	76 T E	8T II	MAR	ES				,			
		ITEM							U/M	الم	NTITY	COS		COST (\$900	
RADIOGRAPHIC	INSPE	TION BU	ILDIN	G		•			SF	28	,720	-		11,25	0
BUILDING		<i>.</i> .							SF	28	,720	1334.	.00	(9,59	00)
BUILT-IN EQ	UIPME	WT							LS	l	-	-		(1,66	(0)
SUPPORTING FA	CILIT	res							-		-	-	.	1,21	0.
ELECTRICAL	UTILIT	ries							LS	1	-	_		(45	50)
MECHANICAL	UTILIT	CIES							LS	1	-	-		(18	30)
LIGHTNING P	ROTECT	CION							LS		-	-		(22	20)
PAVING AND	SITE :	EMPROVEN	ENT .						LS		_	-		(36	50)
SUBTOTAL									-		-	-		12,46	i C
CONTINGENCY ((5%).								-	1	-	-	i	62	20
TOTAL CONTRAC	T COS	r							-)	••	-		13,08	30
SUPERVISION,	INSPE	CTION &	OVERH	EAD	(5.	5%) .		_		-	-	ĺ	72	20
TOTAL REQUEST									-	1	-	-		13,80	00
EQUIPMENT PRO	VIDED	FROM OT	THER A	PPRO	PRI	AT.	ION	IS] -	Ì	- (N	ON-A	(סס	(21,46	50)
									1	[ļ		
									l	[į			
										ĺ					
10. DESCRIPTION OF									} _	1		ŀ			

Multi-story concrete and masonry building on reinforced concrete foundation with high-bay motor inspection cells, built-up roof and concrete floor with elevator/turntable pits and downender pits; underground utilities distribution; mechanical and electrical utilities; radiation shielding; fire protection system; lightning protection; communications; security system; earth berms; storm drainage; cranes; air conditioning.

11. REQUIREMENT: 290,670 SF. ADEQUATE: 222,270 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a radiographic inspection building. (New mission.) REQUIREMENT: Adequate facilities to maintain the required rate of radiographic inspection of TRIDENT II first, second, and third stage motors and small ordnance items. Activities include erecting rocket motors, transporting and positioning motors for radiographic inspection, x-ray inspection of gas generators and other small ordnance items, and x-ray film processing support.

CURRENT SITUATION: A TRIDENT II radiographic inspection capability does not currently exist at this facility.

IMPACT IF NOT PROVIDED: This facility will not be able to conduct radiographic inspection of TRIDENT II motors, adversely impacting missile reliability.

(Continued on DD 1391c)

DD, FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COM	PONEN	T		······································		2. DATE					
NAVY	!		FY 19 ⁹¹ _MI	LITARY CONSTRUC	TION PROJECT D	ATA					
3. INST	3. INSTALLATION AND LOCATION										
STR	STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON										
	4. PROJECT TITLE S. PROJECT NUMBER										
RADI	RADIOGRAPHIC INSPECTION BUILDING P-807										
12.	12. SUPPLEMENTAL DATA:										
Mili	a. itary			status: (Projec Facility Planning							
		(1)	Status:								
1		, -,	(a) Date D	esign Started							
				t Complete as of							
				esign 35% Completesign Complete							
		(2)	Basis:								
			• •	rd or Definitive	_	YesNo_X_					
			(b) Where	Design Was Most R	ecently Used:	N/A					
		(3)	Total cost	(c) = (a) + (b) c	r (d) + (e):	(<u>\$000</u>)					
ŀ			(a) Produc	tion of Plans and	Specifications.	700					
1				her Design Costs.							
1				ct							
			(e) In-hou	se		(60_)					
		(4)	Construction	n start		12-90					
					,	(month and year)					
from	b. n oth	_	ipment associ ppropriations	ated with this pr	oject which wil	l be provided					
					Fiscal Year						
-	uipme			Procuring	Appropriated						
Nome	encla	ture	!	Appropriation	or Requested	(\$000)					
Electrical, Mechanical WPN 1990 21,460 and Technical Equipment											
			- -								
1											
l '											

DD 1 508M 1391c 9/N 0102-LF-001-3015

PREVIOUS EDITIONS MAY RE USED INTERNALLY
UNTIL EXHAUSTED

PAGE NO. 2 50

1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA S. INSTALLATION AND LOCATION STRATEGIC WEAPONS FACILITY PACIFIC, TRAINING FACILITY SILVERDALE, WASHINGTON ADDITION B. PROJECT COST (\$000) 6. CATEGORY CODE S. PROGRAM ELEMENT " PROJECT NUMBER 0101228N 171.20 P-935 9. COST ESTIMATES COST (\$000) U/M QUANTITY ITEM COST TRAINING FACILITY ADDITION. . . . SF 6,190 31,700 (4,060)128.00 SF 31,700 BUILDING MODIFICATIONS. . LS 750) (1,380)BUILT-IN EQUIPMENT. LS SUPPORTING FACILITIES 490 ELECTRICAL UTILITIES. LS 340) MECHANICAL UTILITIES. 70) LS PAVING AND SITE IMPROVEMENT . . LS 80) 6,680 SUBTOTAL......... CONTINGENCY (5%). . . . 330 7,010 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . . 390 7,400 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) (237,410)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Concrete and masonry building addition with steel framing, electrical and mechanical utilities, emergency electric power, raised flooring, air conditioning, fire protection and security systems, lightning protection; utilities modifications.

11. REQUIREMENT: 356,200 SF. ADEQUATE: 324,500 SF. SUBSTANDARD: 0 SF. PROJECT: Provides an addition and modifications to the existing TRIDENT Training Facility. (New mission.)

REQUIREMENT: Replacement, conversion, advanced and team training on missile launcher, fire control, and navigation equipment for crews of the TRIDENT II Pacific Submarine Fleet.

CURRENT SITUATION: There is currently no facility for TRIDENT II training of crews for the TRIDENT II Pacific Submarine Fleet. Training of TRIDENT II crews cannot be conducted on existing TRIDENT I equipment. Phasing of existing Pacific Fleet SSBNs from TRIDENT I to TRIDENT II configuration precludes conversion of existing TRIDENT I trainers to TRIDENT II. IMPACT IF NOT PROVIDED: TRIDENT II training would have to be conducted at the Kings Bay TRIDENT Training Facility which would overburden its capacity and would be cost prohibitive. Operational and readiness capabilities of the TRIDENT II Pacific Submarine Fleet will be adversely impacted.

(Continued on DD 1391c)

DD: FORM 1391 S/N 0102-LF-001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO:

1. COMPONE	NT						2. DATE			
NAVY				ITARY CONSTRU	CTION PROJECT D	ATA				
3. INSTALLA	TION A	ND LOC	ATION							
STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON										
4. PROJECT	riTLE					S. PROJE	CT NUMBER			
TRAINING	FAC	LITY	ADDITION			P-935				
					· ·					
12. SUPPLEMENTAL DATA:										
a.					et design conform		art II of			
Military	Hand	dbook	1190, "F	acility Planning	g and Design Guid	ie.")				
	(1)	Stat	us:							
		(a)								
		(b)			January 1990					
		(c) (d)			te					
		(4)	rate be	estdu combrere	• • • • • • • • • • • • • • • • • • • •	•••••	•_3-90			
	(2)	Basi								
		(a)		d or Definitive		Yes	No X			
		(b)	Where D	esign Was Most	Recently Used:	<u>N</u>	1/A			
	(3)	Tota		(c) = (a) + (b)			(<u>\$000</u>)			
		(a)			d Specifications.					
		(b)	All Oth	er Design Costs	••••	•••••	(265)			
		(5)			• • • • • • • • • • • • • • • • • • • •					
		(e)			· · · · · · · · · · · · · · · · · · ·		·			
	441	0								
	(4)	Cons	struction	start			1-91 and year)			
b.	Fan	i nman t	- megocia	ted with this n	roject which will	he ni	rovided			
	-	-	iations:		ojest which will	, be pi	Ovided			
					Fiscal Year					
Equipme	nt			Procuring	Appropriated	ł	Cost			
Nomencla	ture			Appropriation	or Requested	1	(\$000)			
Tactical Equipme		Trair	ning	OPN	1988 - 1994		237,410			
							·			
• •										

1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA FAUV 3. INSTALLATION AND LOCATION STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON TRANSFER FACILITY ADDITION S. PROGRAM ELSMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) 0101228N 143.60 P-957 S. COST ESTIMATES UNIT COST (\$000) ITEM U/M QUANTITY 9,600 TRANSFER FACILITY Si 2,320 BUILDING ADDITION (2,140)SF 9,600 222.00 BUILT-IN EQUIPMENT. . . . LS (180) 840 SPECIAL CONSTRUCTION FEATURES . . ī,s 70) LS 400) ĹS 70) PAVING AND SITE IMPROVEMENT LS 300) SUBTOTAL.......... 3,160 CONTINGENCY (5%)..... 160 3,320 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . . •--180 3,500 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) (0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Multi-story steel-frame building addition, concrete foundation and floors, engineered fill, masonry and metal panel walls, built-up roof; special foundation; lightning protection; fire protection and security systems; crane; air conditioning, utilities; storm drainage.

11. REQUIREMENT: 9,600 SF. Adequate: 0 SF. Substandard: 0 SF. PROJECT: Provides a TRIDENT II missile transfer facility. (New mission.) REQUIREMENT: Adequate facilities for the receiving and shipping of missile motors, active/inert missiles (AIM), and small ordnance components, and for the transfer of these items from interstate carriers to on-base transporters for delivery to production building storage.

CURRENT SITUATION: A TRIDENT II missile processing capability does not currently exist at the base.

IMPACT IF NOT PROVIDED: The Strategic Weapons Acility will be incapable of receiving and shipping AIMs, missile motors, and small ordnance in support of the TRIDENT II production operations.

(Continued on DD 1391c)

DD, FORM 1391 S/N 0102 LE-001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONE	NT		01		2. DATE				
NAVY		FY		ATA					
3. INSTALLATION AND LOCATION									
STRATEGIC WEAPONS FACILITY PACIFIC, SILVERDALE, WASHINGTON									
4. PROJECT	TITLE			S. PROJE	CT NUMBER				
TRANSFER FACILITY ADDITION P-957									
12. SUPPLEMENTAL DATA:									
	a. Estimated design status: '(Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")								
	/11	Stat	`` ''IS:						
	(-/		Date Design Started		. 6-87				
'		(b)	Percent Complete as of January 1990		100				
			Date Design 35% Complete						
		(d)	Date Design Complete	• • • • • •	9-88				
	(2)	Basi	s:						
				Yes	No_X				
		(p)	Where Design Was Most Recently Used:	N	I/A				
	(3)		1 cost (c) = (a) + (b) or (d) + (e):		(<u>\$000</u>)				
			Production of Plans and Specifications.						
		(a)	All Other Design Costs						
		(d)							
		(e)	In-house						
	(4)	Cons	truction start						
		•	(month	and year)				
b.	Equ:	ıpment	associated with this project which will	be pr	covided				
from oth	er &	propr	mations: None.						
		•							
					•				
			•••						
					i				

COMPONENT 2. DATE FY 19_91_MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE STRATEGIC WEAPONS FACILITY PACIFIC, UTILITIES AND SITE SILVERDALE, WASHINGTON IMPROVEMENTS S. PROGRAM ELEMENT 6. CATEGORY CODE B. PROJECT COST (\$000) 7. PROJECT NUMBER P-808 0101228N 932.20 S. COST ESTIMATES UNIT ITEM U/M QUANTITY COST 7,760 UTILITIES AND SITE IMPROVEMENT. LS SUBTOTAL............ 7,760 CONTINGENCY (5%).... 390 _ 8,150 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . . 450 8,600 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD)

10 DESCRIPTION OF PROPOSED CONSTRUCTION

Earth retention structures, earth berms, utility and communications duct system, paving, railroad modifications, utility distribution, lightning protection, site improvements, demolition, security fencing.

11. REQUIREMENT: As Required.

PROJECT: Constructs and upgrades utilities, roads, railroad facilities, communication systems, site improvements, and security fencing to support TRIDENT II weapons system. (New mission.)

REQUIREMENT: Adequate utilities, roads, and site improvements to support new construction and modifications to existing facilities at the Strategic Weapons Facility, Pacific (SWFPAC) for upgrade to TRIDENT II weapons system capability. Infrastructure upgrade prior to building construction or modifications is required to allow uninterrupted accomplishment of the TRIDENT I weapons system mission and is critical to orderly and cost-efficient development of TRIDENT II weapons system capability at SWFPAC.

CURRENT SITUATION: Present utilities, roads and site infrastructure are inadequate to accommodate the transition to TRIDENT II weapons system capability.

IMPACT IF NOT PROVIDED: The activity base will not be able to fulfill its function as a TRIDENT II production facility in support of the Pacific Fleet deployment schedule.

(Continued on DD 1391c)

DD, FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUS 'ED

I. COMPONEN	F	-	2. DATE						
	j	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA						
NAVY									
3. INSTALLATION AND LOCATION									
STRATEGIC	C WEA	APONS FACILITY PACIFIC, SILVERDALE, WASHINGTO	เม						
4. PROJECT TI		in the state of th	S, PROJECT NUMBER						
			1						
UTILITIES	S AND	SITE IMPROVEMENTS	P~808						
1.2 0000		market made.							
IZ. SUPI	LTPLE	INTAL DATA:							
1	Esti	imated design status: (Project design confor	ms to Part II of						
		book 1190, "Facility Planning and Design Gui							
	(1)	Status:							
		(a) Date Design Started							
		(b) Percent Complete as of January 1990							
		(c) Date Design 35% Complete							
		(d) pace pestall complete:	4-30						
	(2)	Basis:							
		(a) Standard or Definitive Design:	YesNo_X_						
		(b) Where Dosign Was Most Recently Used:	N/A						
	(3)		(<u>\$000</u>)						
		(a) Production of Plans and Specifications(b) All Other Design Costs							
		(c) Total							
		(d) Contract							
		(e) In-house	(
	•								
	(4)	Construction start							
			(month and year)						
b.	Egui	pment associated with this project which wil	l be provided						
		propriations: None.							
	•								
•		•							
		•							
		•							
		•							

1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM NAVV 3. INSTALLATION AND LOCATION S. AREA CONSTR. 4. COMMAND COST INDEX NAVAL AIR STATION. WHIDBEY ISLAND, WASHINGTON COMMANDER IN CHIEF. 1.16 PACIFIC FLEET 6. PERSONNEL PERMANENT STUDENTS SUPPORTED STRENGTH TOTAL EMLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER AS OF 08/30/88 b. END FY 9019 929 6944 790 171 0 1994 961 790 137 ٥ 0 ٥ 9368 .0 7. KIVENTORY DATA (\$000) m. YOTAL ACREAGE

D. INVENTORY TOTAL AS OF 30 SEP 88

C. AUTHORIZATION NOT YET IN INVENTORY.

d. AUTHORIZATION REQUESTED IN THIS PROGRAM

e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM

f. PLANNED IN NEXT THREE PROGRAM YEARS

ACREATABLY DESTRICTED OF THE PROGRAM YEARS 204,410 29,820 19,310 18,870 5,600 327,500 8. PROJECTS REQUESTED IN THIS PROGRAM: DESIGN STATUS START COMPLETE COST (8000) CATEGORY CODE PROJECT TITLE SCOPE OPERATIONAL TRNR FAC ADDN OPR & MAINT TRNR FAC-ICR I 09/83 06/90 171.35 7,530 SF 10/88 1,410 171.35 88,070 SF 17,900 TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRÁM 171.20 FLEET TRAINING FACILITY 171.35 AIRCRAFT TRNG BLDG (PH II) 8,870 8.330 SF 211.05 HANGAR/IMA IMPROVEMENTS LS B. MAJOR PLANNED NEXT THREE YEARS: 211.03 25,180 SF 5,600 TO. MISSION OR MAJOR FUNCTIONS:

Maintain and operate facilities and provide services and material to support operations of aviation activities of the Pacific Fleet. Home for Pacific Fleet medium attack jet aircraft and all electronic Homeport countermeasures aircraft. Carrier Air Wing Attack Squadrons Replacement Training Squadrons Naval Air Reserve Squadrons Electronic Countermeasures Squadrons OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
A: POLLUTION ABATEMENT
B: INSTALLATION RESTORATION
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): (\$000) 420 48,880

DO FORM 1390 10EC76

PAGE NO.

1. COMPONENT 2. DATE FY 19_91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE OPERATIONAL TRAINER FACILITY NAVAL AIR STATION, ADDITION WHIDBEY ISLAND, WASHINGTON
S. PROGRAM ELEMENT S. CATEGORY CODE B. PROJECT COST (SOOC) 7. PROJECT NUMBER 0204696N P-074 1,410 9. COST ESTIMATES ITEM U/M QUANTITY OPERATIONAL TRAINER FACILITY ADDITION. . . . 7,530 SF h35.00 1,020 260 SPECIAL CONSTRUCTION FEATURES. . . . 70) LS (140) LS PAVING AND SITE IMPROVEMENT. LS 50) 1,280 _ 60 1,340 SUPERVISION, INSPECTION & OVERHEAD (5.5%). . 70 1,410 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (NON-ADD) (25,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete and masonry building addition, pile foundation, concrete floor, built-up roof, computer flooring, fire protection system, utilities, air conditioning.

11. REQUIREMENT: 7,530 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides operational trainer facility addition. (New mission.) REQUIREMENT: Adequate and properly-configured facility addition to accommodate and support an EA-6B ADVCAP Operational Flight and Navigation Trainer. This trainer will provide a realistic cockpit environment for necessary pilot training.

CURRENT SITUATION: There are no facilities available for housing this trainer.

IMPACT IF NOT PROVIDED: Essential pilot training will not be accomplished.

(Continued on DD 1391c)

DD, 500 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

1. COMPONENT			2. DATE
NAVY	FY 19 91 MILITARY CON	STRUCTION PROJECT D	PATA
3. INSTALLATION	AND LOCATION		······································
	ATION, WHIDBEY ISLAND, WA	SHINGTON	
4. PROJECT TITLE			S. PROJECT NUMBER
OPERATIONAL	TRAINER FACILITY ADDITION		P-074
12. SUPPLEM	SNTAL DATA:	<u>:</u>	
}		· · · · · · · · · · · · · · · · · · ·	
· a. 550	imated design status: (P Abook 1190, "Facility Pla		
(1)	Status:		
(1)		d	10-88
	(b) Percent Complete a	s of January 1990	100
	(c) Date Design 35% Co		
	(d) Date Design Comple	te	9-89
(2)	Basis:		
• •	(a) Standard or Defini	tive Design:	YesNo_X
	(b) Where Design Was M	ost Recently Used:	N/A
(3)	Total cost (c) = (a) +	(b) or (d) + (e):	(\$000)
		s and Specifications.	
		osts	
	(c) Total		
		• • • • • • • • • • • • • • • • • • • •	` '
	(e) In-house	•••••	(25_)
(4)	Construction start		11-90 (month and year)
			-
_	ipment associated with th ppropriations:	is project which will	l be provided
		Fiscal Year	
Equipment	Procuring	-	Cost
Nomenclature	Appropriati	on or Requested	(\$000)
Weapons Syst	em Trainer APN	1990	25,000
	•		

NAVY	9 <u>91</u> MILITARY CO	NSTRUC				ΓA 2. (PATE
MAVAL AIR STATION,	ATION		ERATIC	TLE NAL AN	D MAINT	ENANCE	
WHIDBEY ISLAND, WA	SHINGTON		TRA	INER	FACILI	TY (INC	REMENT I)
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	T NUME	ER	8. PROJE	CT COST	(\$000)
0204696N	171.35	P-889			17	,900	
	9. COS	T ESTIMAT	E\$				
	ITEM		١.	I/M QL	ANTITY	UNIT COST	COST (\$000)
OPERATIONAL & MAIN BUILDING BUILT-IN EQUIPME SUPPORTING FACILIT SPECIAL CONSTRUC UTILITIES PAVING AND SITE SUBTOTAL CONTINGENCY (5%) . TOTAL CONTRACT COS SUPERVISION, INSPE TOTAL REQUEST EQUIPMENT PROVIDED	NT IES. TION FEATURES. IMPROVEMENT. T. CTION & OVERHEAD	(5.5%).		SF E	8,070 18,070 - - - - - - - - - ((3,500) 3,410 (2,000) (1,000) (410) 16,160 810 16,970 930 17,900

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One and two-story steel frame building, pile foundation, reinforced concrete and masonry walls, concrete floors, single membrane roofing, high-bay areas, computer flooring, electromagnetic interferance shielding, acoustic attenuation, monorail hoist, bridge crane, security system, fire protection system, air conditioning, ventilation, utilities.

11. REQUIREMENT: 202,570 SF. ADEQUATE: 114,500 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs operational and maintenance training facilities for new tactical aircraft. (New mission.)

REQUIREMENT: Adequate and properly-configured training facilities to accommodate a new tactical aircraft mission. This is the first of three increments to support operational and maintenance trainers and associated training facilities including classrooms. Equipment delivery is scheduled for 1992.

<u>CURRENT SITUATION</u>: Existing facilities are adequate to support presently assigned aircraft and mission. No facilities are currently available to support the new aircraft mission.

IMPACT IF NOT PROVIDED: Facilities will not be available to support new tactical aircraft mission.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

. COMPONENT	2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA
INSTALLATION	AND LOCATION .
NAVAL AIR ST	ATION, WHIDBEY ISLAND, WASHINGTON
PROJECT TITLE	5. PROJECT NUMBER
OPERATIONAL	AND MAINTENANCE TRAINER FACILITY (INCREMENT I P-889
12. SUPPLEM	ENTAL DATA:
	imated design status: (Project design conforms to Part II of dbook 1190, "Facility Planning and Design Guide.")
(1)	
	(a) Date Design Started
	(c) Date Design 35% Complete
	(d) Date Design Complete6-90
(2)	Basis:
	(a) Standard or Definitive Design: Yes No X (b) Where Design Was Most Recently Used: N/A
(3)	
	(a) Production of Plans and Specifications(640) (b) All Other Design Costs
	(c) Total
	(d) Contract
(4)	Construction start
_	dipment associated with this project which will be provided appropriations: None.
	•

The second secon

1.	COMPONENT						·			2. DATE		
L	NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM				
3.	INSTALLATIO	N AND LO	CATION			4. COMMA	ND			5. AREA CO		
	NAVAL FAC WHIDBEY I	ILITY, SLAND, W	ASHINGTON				COMMANDER IN CHIEF, PACIFIC FLEET 1.16					
6.	PERSONNEL		PERMANEN	T		STUDENTS			SUPPORT	ED	1	
١.	STRENGTH	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED		TOTAL	
l	. AS OF 09/30/88 . END FY	17	210	11	0	0	0	0	0	0	238	
	1994	19	,188	11		0	0	٥	0	0	218	
L				7.	INVENTO	RY DATA (S	(000)		*************************************			
	. TOTAL ACRI	AGE	S OF 30 S	ED 80	TENA	T OF NAS						
, ,	. AUTHORIZAT	TION NOT	YET IN I	NVENTORY					0			
	. AUTHORIZAT	TIDN: INCI	LUDEN IN I	COLLOWING	PPOCDAM				1,550 O			
9	. REMAINING	DEFICIEN	NCY						900		-	
	. GRAND TOT					· · · · ·			2,450	·		
	. FREUECIS R	E00E31ED	TM INT2	PROGRAM:								
	ATEGORY		FAOJECT	TITLE			SCOPE		0\$T	DESIGN :		
_			R IMPROVE				LS		1,55C		COMPLETE 09/89	
		TOTAL							1,550			
9	. FUTURE PRO	UECTS:		-								
	A. INCLUDE	D IN FOL	LOWING PE	ROGRAM								
	NONE											
	8. MAJOR P None	LANNED N	EXT THREE	YEARS:								
	WIECION OF	W 105 6					···					
10	MISSION OR	nduct of	earlograpr	ic obseva	ations in	selected	areas in	Order '	to			
	provi	de the n	.S Navy w	nth more	extensiv	e informa	tich on o	ceanogra	phic			
11	A: POLLUT	ION ABAT	EMENT		ICIENCIE		Ö)					
	B: INSTAL C: OCCUPA	LATION R Tional S	ESTORATION AFETY AND	IN I HEALTH (DSH) ·		0					
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DD FORM 1390 1DEC75 PAGE: NO. .502

1. COMPONENT	FY [*]	19_91 MILITARY C	ONST	ru	CTIO	N PR	OJI	CT DA		2. D/	ATE
3. INSTALLATION	AND LOC	ATION			4. F	ROJECT	TI	TLE			
NAVAL FACILI	TY.				1	RLECT	RIC	2 POWER			
WHIDBEY ISLA	•	SHINGTON			1			MENTS			
5. PROGRAM ELEM		6. GATEGORY CODE	7. 1	COJE		MSER		B. PROJE	CT COS	ST (\$	000)
0205096ท		813.20		Q				<u> </u>	.550		
		9. C	CET	' :	دي: 						
		ITEM				U/M	عد	JANTITY	COST		COST (\$000)
BLECTRIC POW	ER IMP	ROVEMENTS	• •	•		LS		-	-	Т	1,340
ELECTRICAL	SYSTE	M UPGRADE				LS	2	-	-	1	(1,110)
BUILDING A	DDITIC	ж				SF	P	1,610	143.	00	(230)
SUPPORTING F	ACILIT	TIBS				-	1	-	-	1	60
SPECIAL CO	NSTRUC	TION FEATURES				LS		-	_	- 1	(60)
SUBTOTAL						! -		**	-	- 1	1,400
CONTINGENCY	(5%) .					-	}	-	-		70
TOTAL CONTRA	CT COS	T				1 -	1	-	l –		1,470
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.	5%)		1 -		_	–]	80
TOTAL REQUES	т	. .				-		-	۱ –		1,550
EQUIPMENT PR	OVIDED	FROM OTHER APPR	OPRI	ATI	SKC	1 -	1	- (NC	N-ADE)	(0)

10 DESCRIPTION OF PROPOSED CONSTRUCTION

One-story building addition, security hardened reinforced concrete walls, concrete floor, pile foundation, built-up roof, security and fire protection systems, 500 KVA electric power supply; upgrade generators, switching equipment, controls.

11. REQUIREMENT: As Required.

PROJECT: Provides additional technical power to process and analyze technical data. (Current mission.)

REQUIREMENT: Project requirement classified. Additional data available upon request.

CURRENT SITUATION: Present technical power capability will be exceeded with the installation of additional equipment.

IMPACT IF NOT PROVIDED: Classified. Additional data available upon request.

12. SUPPLEMENTAL DATA:

a. Estimated design status: (Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide.")

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT		2. DATE
HAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLATION	AND LOCATION	
NAVAL FACILI	TY, WHIDBEY ISLAND, WASHINGTON	
4. PROJECT TITLE		S. PROJECT NUMBER
ELECTRIC POW	ER IMPROVEMENTS	P-030
12. SUPPLEM	ENTAL DATA: (Continued)	
(1)		
	(a) Date Design Started	
	(c) Date Design 35% Complete	
	(d) Date Design Complete	
(2)		
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	YesNo_X
(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
(0)	(a) Production of Plans and Specifications.	·
	(b) All Other Design Costs	
	(c) Total	
	(d) Contract	
(4)	Construction start	1-91 (month and year)
b. Equ	ipment associated with this project which will	l be provided
_	ppropriations: None.	- 5. F101.
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DD 1 DEC 74 1391C

PREVIOUS EDITIC .S MAY SE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT . 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM NAVY S. AREA CONSTR. 3. INSTALLATION AND LOCATION 4. COMMAND COST INDEX COMMANDER IN CHIEF, ATLANTIC FLEET MAVAL FACILITY ARGENTIA. 1.49 NEWFOUNDLAND, CANADA 6. PERSONNEL PERMANENT STUDENTS SUPPORTED STRENGTH TOTAL OFFICER ENLISTED | CIVILIAN OFFICER ENLISTED | CIVILIAN OFFICER ENLISTED CIVILIAN a. AS OF 08/30/88 b. END FY 617 354 233 ٥ ٥ 651 0 1994 28 389 233 0 0 ٥ 0 ٥ 7. INVENTORY DATA 15000 a. TOTAL ACREAGE
b. INVENTORY TOTAL AS OF 30 SEP 88.
c. AUTHORIZATION NOT YET IN INVENTORY.
d. AUTHORIZATION REQUESTED IN THIS PROGRAM.
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM
f. PLANNED IN NEXT THREE PROGRAM YEARS 78,010 1.350 6,350 3.650 89,360 n. GRAND TOTAL B. PROJECTS REQUESTED IN THIS PROGRAM: DESIGN STATUS CATEGORY COST PROJECT TITLE SCOPE CODE (\$000· 131.45 TERMINAL EQUIP BLDG ADDN 09/89 5.150 SF 10/88 TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 740.53 FITNESS CENTER UPGRADE 831.10 SEWERAGE SYSTEM 841.09 POTABLE WATER TRMT FAC TOTAL 16,700 SF 2,550 2,900 8. MAJOR PLANNED NEXT THREE YEARS: NONE 1C. MISSION OR MAJOR FUNCTIONS:
Conduct oceanographic observation in selected areas to provide the Navy more extensive information on oceanographic conditions in these areas. Periodically handles changing needs and supports advanced electronics. 11. <u>DUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</u>:
A: POLLUTION ABATEMENT
B: INSTALLATION RESTORATION
C: OCCUPATIONAL SAFETY AND HEALTH (OSH): 0

1. COMPONENT NAVY 2. INSTALLATION A NAVAL FACILIT NEWFOINDLAND. B. PROGRAM ELEME	NO LOC	ATION ENTIA,	4. PROJECT DATA 4. PROJECT TITLE TERMINAL EQUIPMENT RUILDING ADDITION JECT NUMBER 8. PROJECT COST (\$000)						
0205096N		131.45	P-12				1,350		
		9. CO	T ESTIMA	168					
	·	ITEM			U/M	QUANTITY	COST	COST (\$000)	
BUILDING AD BUILT-IN EQ SUPPORTING FA UTILITIES, SUBTOTAL CONTINGENCY (TOTAL CONTRAC SUPERVISION, TOTAL REQUEST	DITIO UIPME CILIT PAVIN 5%) T COS INSPE	NT	EMENT .	•	SP SP LS - - -	5,150 5,150 - - - - - - - - (NO	- 126.00 - - - - - - - N-ADD)	780 (650) (130) 440 (440) 1,220 60 1,280 70 1,350 (105,000)	

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel-frame building addition, reinforced concrete spread footing foundation, concrete floor, engineered fill, insulated elastomeric membrane roof on metal deck, insulated metal panel walls, grounding, computer flooring, fire protection system, intrusion detection system, air conditioning, utilities.

REQUIREMENT: 52,800 SF. ADEQUATE: 47,650 SF. SUBSTANDARD: O SF.

PROJECT: Provides terminal equipment building addition to house additional equipment and functions. (Current mission.)

REQUIREMENT: Adequate additional space to accommodate mission critical equipment and functions. The mission of this activity is to collect excennographic data. The need for additional technical equipment was identified in a recent Shore Construction and Hardware Installations Plan. This project will build an addition to the terminal equipment building to accommodate the technical equipment, reroute underground utilities, extend the patrol road and relocate perimeter lighting and a portion of the double perimeter security fence.

CURRENT SITUATION: The terminal equipment building houses the entire operational function of the facility. There is no space available to accommodate the additional equipment needed.

IMPACT IF NOT PROVIDED: Installation of new additional technical equipment cannot be accomplished.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 5 5

1. COMPONE	NT					2. DATE
YVAK		FY 19		CTION PROJECT D	ATA	2. UATE
3. INSTALLA	TION AND	LOCA	TION			
		ARGE	NTIA, NEWFOUNDLAND, CAN	ADA		
4. PROJECT 1	FITLE				S. PROJE	CT NUMBER
TERMINAL	EQUIPM	ent i	BUILDING ADDITION	· ·		P-123
ADDITION covering of exist of the U Infrastr project	U.S. p ing fac .S., ex ucture because	bila preser :ilit: :cept fund: :it:	(Continued) teral agreement between nce for military purpos ies for U.S. requiremen when construction is e ing. NATO prefinancing is not in support of fo	es provides that ts shall be the ligible for NATO is not applicab	respons Common cle to	ruction mibility n
14. 000	Plement	'AL U	NTA:			
a. Military			design status: (Projec 190, "Facility Planning			art II of
	(1) s	tatus	ı:			
	(b) I	Date Design Started Percent Complete as of Date Design 35% Complet Date Design Complete	January 1990		3-89
	(2) B	asis:				
			stand d or Definitive	Design:	Yes	No X
•	•		There Design Was Most R	•	N,	
·	(3) T	otal	cost (c) = (a) + (b) o	r (d) + (e):		(\$000)
		a) E	roduction of Plans and	Specifications,		. (75)
	(1	b) A	All Other Design Costs.	· · · · · · · · · · · · · · · · · · ·		. (75)
	-		otal			
	•		Contract			
	()	e) 1	in-house	• • • • • • • • • • • • • • • • • •	• • • • • •	(
	(4) C	onstr	uction start			1-91 and year)
ь.	Equipm	ent a	ssociated with this pro	oject which will	be pro	ovided
from other						
				Fiscal Year		
Equipmen			Procuring	Appropriated		Cost
Nomenclat	ure		Appropriation	or Requested		(\$000)
Terminal	Equipme	ent	OPN	1990 - 1993		105,000
					•	

DD 1 DEC 76 1391C

PREVIOUS EDITIONS MAY KE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. E

1. COMPUNENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROGRAM NAVY 3. INSTALLATION AND LOCATION 4. COMMAND CHIEF OF NAVAL PLEET SURVEILLANCE SUPPORT COMMAND. 2.00 GUAM **OPERATIONS** SUPPORTED PERMANENT STUDENTS ----014-688 | 4% 3740 | CILILIAN DERIGER BALISTED CVILIAN . AS OF 9/30/88 37 174 0 0 247 30 429 45 238 30 10 50 3 51 b. FND FY 19 94 7. INVENTORY DATA (\$000) a. TOTAL ACREAGE Tenant of NS b. INVENTORY TOTAL AS OF 30 SEP 1988 e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 0 E. PROJECTS REQUESTED IN THIS PROGRAM: DESIGN STATUS PROJECT TITLE 8C0#E COMPLETE 30,000 01/89 07/90 134.70 Electronic Installation LS 30,000 TOTAL 9. Future Projects: a. Included in following program: None. b. Major planned next three years: None. 10. Mission or Major Functions: Surveillance, early warning, and target identification. Effective management of air intercept capability. Outstanding pollution and safety deficiencies: (\$000) a. Pollution Abatement: 0 b. Installation Restoration: Ω c. Occupational safety and health (OSH): . 0

DD 1 DEC 76 1390

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT									•		ATE	
	FY 1	9_91_ MIL	ITARY	COI	IST	RUC	TIO	N PRO	DJECT DAT	ΓΑ		
NAVY	NAVI 1 1. INSTALLATION AND LOCATION 4. PROJECT TITLE											
FLEET SURVEILLANCE SUPPORT COMMAND.												
GUAM ELECTRONIC INSTALLATION												
5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000)												
S. T. TIOGRAM E E E III		0.00.		i					15			
0204577N		134	.70			P-	002		3	0.000		
				COE	T ES	TIMA	TES					
9. COST ESTIMATES U/M QUANTITY UNIT COST (\$000)												
ELECTRONIC I	NSTALL	ATION	• • • •	$\overline{\cdot \cdot}$	•		•	LS	-	-	22,010	
TRANSMITTE	R SITE						•	LS	-	-	(1,500)	
RECEIVER S	ITE							LS	-	-	(14,200)	
POWER PLAN	r and	SUPPORT	PACILIT	IES				LS	_	-	(1,680)	
OPERATIONA	L CONT	ROL CENT	ER				•	LS	-	-	(800)	
BUILT-IN E	QUIPME	NT						LS	-	-	(3,730)	
TECHNICAL	OPERAT	ING MANU	ALS				•	LS	-	-	(100)	
SUPPORTING F	ACILIT	IES					•] -	-	-	5,080	
UTILITIES.					•			LS	-	-	(3,680)	
PAVING AND	SITE	IMPROVEM	FNT		•		•	LS	-	-	(1,400)	
SUBTOTAL							•	-	-	i -	27,090	
CONTINGENCY	(5%) .				•		•	-	-	-	1,350	
TOTAL CONTRA	CT COS	T			•		•	-	-	-	28,440	
SUPERVISION,	Inspe	CTION &	overhe/	VD ((5.	54).	•] -	-	-	1,560	
TOTAL REQUES	r				•		•	-	-	-	30,000	
EQUIPMENT PR	OVIDED	FROM OT	HER API	PROF	RI	ATIC	NS	-	– (N	DN-ADD)	(90,000)	
ł								1		1	i	
10. DESCRIPTION C	E PROPO	SEC CONST	NUCTION					Щ	<u> </u>	l		

Site preparation for Relocatable-Over-the-Horizon-Radar (ROTHR) System installation; reinforced concrete van pads, antenna footings and foundations, personnel support facilities, operations facility, power plant, roads, security fencing, utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides site preparation and support facilities at receiver (Guam) and transmitter (Tinian) sites, approximately 100 miles apart, for ROTHR systems installations. (New mission.)

REQUIREMENT: Adequate facilities to accommodate and support air defenses in the Pacific area by surveillance, early warning, target identification, and effective management of air intercept capability. To compensate for the vast size of the Pacific area and available resources, there is a requirement for long-range tactical surveillance and warning of a foreign country threat to supplement information available from intelligence sources, land-based air defense radars, and organic battle group assets. CURRENT SITUATION: Classified, information available upon request. IMPACT IF NOT PROVIDED: The new mission cannot be accomplished, since existing facilities do not have this capability.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO. E ()

1. COMPONEN	*	FY 19_91_M	ILITARY CONSTRUC	TION PROJECT DAT	A DATE
	ION A	ND LOCATION			
FLEET SUE	(VEIL	LANCE SUPPO	RT COMMAND, GUAM		
4. PROJECT T	ITLE			B. P	ROJECT NUMBER
ELECTRONI	C IN	STALLATION			P-002
12. SUPI	LEME	NTAL DATA:			
a. Military		•	n status: (Project Facility Planning	-	
	(1)	Status:			
			Design Started		
			nt Complete as of		
		(c) Date (d) Date (Design 35% Complete		7-90
		(d) Date	heardii combtaca	• • • • • • • • • • • • • • • • • • • •	· · · · · · · · · · · · · · · · · · ·
	(2)	Basis:			
			ard or Definitive Design Was Most R		NO X
	(3)		(c) = (a) + (b) o		(<u>\$000</u>)
		(a) Produc	ction of Plans and	Specifications	(800)
		(b) All O	ther Design Costs.	• • • • • • • • • • • • • • • • • • • •	···· (<u>950</u>)
			 act		
		• •	use		
	(4)	Constructi	on start		3-91 nth and year)
				Om)	nth and year)
b. from other	_	pment assoc propriation	iated with this pros. s:	ojeca which will b	e provided
				Fiscal Year	
Equipmen	1t		Procuring	Appropriated	Cost
Nomencla			Appropriation	or Requested	(\$000)
Antenna a		perational	OPN	1991	90,000

. COMPONENT		FY		TARY C	ONSTRUC	TION BRO	VOR AM		2. DATE		
NAVY			1991 WILL	IIANI O	cms i noc		POR DERVI				
. INSTALLATIO	N AND LO	CATION			4. COMMA	NO TO		į	5. AREA C	ONSTR. INDEX	
NAVAL MAG Guam	AZINE,					ANDER IN C		2.03			
PERSONNEL STRENGTH		PERMANEN	r		STUDENTS	<u> </u>		SUPPORT	ED	TOTAL	
A. AS OF	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTE	CIVILIAN		
09/30/88 b. END FY	13	115	83	0	0	0	0	•	• •	211	
1984	11	112	83	0	0	•	•) 0	206	
a. TOTAL ACR			7.	INVENTO	RY DATA	10001					
b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO 8. PROJECTS F	TIDN NOT TIDN REQU TIDN INCO N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PROFOLLOWING RAM YEARS	GRAM PROGRAM				37,020 11,700 9,000 1,100 2,500 35,720 97,040			
CATEGORY			-1-1-			ccchr		OST		STATUS	
421.72 TO	MAHAWK SI	JPPORT COL				17,000	SF		11/88	COMPLETE 01/90	
A, INCLUD 216.55 TO			- COUNTE			LS		1,100		•	
B. MAJOR 421,22 HI	PLANNED !	NEXT THREE		,		17,960	SF	2,500			
supp hous for Gove	ide main ort, inc ing, eng Naval for rnment of rnment ar	tenance, luding trainering a reas in the Guam, Tand author	repair, m ansportst services he Guam'a rust Tenr ized agen	ion equipand shore rea. All itories (ilities, ies plann ts the U.: cific Isl	telephon inc assi S. Air F	e, Navy stance orce,			
		RESTORATION SAFETY AND		(OSH):	2!	50 O					

PAGE NO. 51

DD FORM 1390 1DEC76

1. COMPONENT FY 19.91 MILITARY CONSTRUCTION PROJECT DATA										ATE		
3. INSTALLATION	NO LOC	ATION				4. P7	4. PROJECT TITLE					
NAVAL MAGAZI	NE, GU	AM				T	MAMO!	AWK SUPPO	RT COMP	LEX		
S. PROGRAM ELEMENT 8. CATEGORY CODE 7. PROJ						TNU	MBER	B. PROJE	CT COST (800 01		
0204996N		₹21,72			-80	9		9	,000			
			9. CO	7 65	TIMA'	res						
		ITEM				_	U/M	QUANTITY	UNIT	COST (8000)		
TONAHAWK SUP	PORT C	OMPLEX				$\overline{\cdot}$	SF	17,000	-	3,750		
Missile Ma	3a 3 ine					•	SF	9,000	310.00	(2,790)		
LOADING DO	CK					•	LS	-	-	(200)		
INERT STOR	erouse					•	SF	8,000	95.00	(760)		
SUPPORTING F	ACILIT	IES				•	-	-	-	4,370		
SPECIAL CO	NSTRUC	TION FEATURE	s			•	LS	-	-	(2,100)		
UTILITIES.						٠	LS	-	-	(340)		
PAVING AND	SITE	IMPROVEMENT.			• •	٠	LS	-	-	(<u>1,930</u>)		
SUBTOTAL				•	• •	٠	-	-	-	8,120		
CONTINGENCY	(5%) .		• •	• •	• •	•	-	-	-	410		
TOTAL CONTRA		* · · · · · ·			• •	•	-	-	-	8,530		
SUPERVISION,	INSPE	CTION & OVER	HEAD	(5.5	(8)	•	-	-	-	470		
TOTAL REQUES					• •	•	-	••	! -	9,000		
EQUIPMENT PR	OVIDED	FROM OTHER	APPRO	PRIA	OIT	NS	-	- (NO	N-ADD)	(0)		
								1	!			
							1					
										I		

One earth-covered reinforced concrete five-bay missile magazine, 16-foot wide doors, pile foundation, loading dock, lightning and grounding system, erosion control, access road, service area; one-story reinforced concrete inert storehouse, concrete foundation and floor; fire protection system, mechanical ventilation, utilities.

11. REQUIREMENT: 17,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides inert storage facility and missile magazine storage to support TOMAHAWK Cruise Missiles. (New mission.)
REQUIREMENT: Adequate storage facilities to accommodate the physical requirements of TOMAHAWK Cruise Missiles in a controlled security area.
CURRENT SITUATION: There are no magazine facilities existing that can be modified and outfitted for stowing TOMAHAWK missiles.
IMPACT IF NOT PROVIDED: Naval Magazine Guam cannot adequately support the TOMAHAWK Missile.

(Continued on DD 1391c)

DD 1 DEC 76 1391

10. DESCRIPTION OF PROPOSED CONSTRUCTION

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

	SUPP	ORT C	OMPLEX	S. PROJECT NUMBER P-809
		NTAL		
a. Litary			design status: (Project design conform 1190, "Facility Planning and Design Guid	
	(1)	Stat		
			Date Design Started	
		(D)	Percent Complete as of January 1990 Date Design 35% Complete	5-89
		(a)	Date Design Complete	
	(2)	Basi	s:	
		(a)		YesNo_X
		(5)	Where Design Was Most Recently Used:	N/A
	(3)		1 cost (c) = (a) + (b) or (d) + (e):	(<u>\$000</u>)
		(a) (b)	Production of Plans and Specifications. All Other Design Costs	
•		(c)	•	
		(d)	Contract	(480
		(e)	In~house	(100
	(4)	Cons	truction start	11-90
			((month and year)
b. om oth	-	-	associated with this project which will iations: None.	l be provided

1. COMPONENT								į 2.	DATE	
NAVY		FY ·	1991 MILI	TARY C	ONSTRUC	TION PRO	GRAM	; ;		
3. INSTALLATIO	N AND LO	CATION			4. COMMA	ON		5.	GOST I	
NAVAL SUPP Guam	LY DEPOT	•				ANDER IN C	HIEF,	•	2.03	
6. PERSONNEL		PERMANEN'			STUDENTS			SUPPORTED)	
STRENGTH	OFFICER	EMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88 b. END FY	16	54	462	•	0	0	٥	0	0	532
1994	14	49	462	0	0	0	4	4	٥	533
			7.	INVENTO	RY DATA ((000)				
a. TOTAL ACRE b. INVENTORY C. AUTHORIZAT d. AUTHORIZAT f. PLANNED IN g. REMAINING h. GRAND TOT 8. PROJECTS R	TOTAL AS ION NOT ION REQUISON INCU I NEXT THE DEFICIENT	YET IN II JESTED IN LUDED IN I REE PROGI	THIS PROG THIS PROG FOLLOWING RAM YEARS	PROGRAM				51,960 13,760 2,900 0 6,800 8,700 84,120		
CATEGORY							c	OST	DESIGN :	STATUS
872.10 SEG	UBITY I	PROJECT				SCOPE		0001	STAR"	COMPLETE O9/89
872.10 SE	TOTAL	APROVEMEN'	r >			LS		2,900	10/88	09/89
9. FUTURE PRO A. INCLUDE NONE B. MAJOR F 61C.20 DAT	D IN FO	EXT THRE	YEARS:			20.560	SF	6.800		
suppl Ship Publi Small Ander	re, rece les, and Repair f c Works command son Air	eive. Stor d fuel for Sacility Center ds and vis Force Bas	re, issue r fleet ui siting sh se (limite	nits and		Naval Naval Naval Naval Commu	in Guam. Station Hospita Magazin	1		
B: INSTAL	ION ABA	RESTORATIO			ES: (\$0) 1,00 1,00	00				

DD FORM 1390 1DEC76

A series of the

PAGE NO. E.

1. COMPONENT F	Y 19 91 MILITARY CO	NSTRUC	TION PR	OJECT DA	TA 2. 0	DATE		
3. INSTALLATION AND L			4. PROJECT TITLE					
NAVAL SUPPLY DEP GUAM	or,		SECUR	ITY IMPRO	VEMENTS	;		
S. PROGRAM ELEMENT	6. CATEGORY CODE	7. PROJEC	CT NUMBER B. PROJECT COST (SOCC)					
0204996 <u>N</u>	872.10	P-11			2,900			
	9. CO	ST ESTIMAT	TES					
	ITEM		U/M	QUANTITY	COST	COST (\$000)		
SECURITY IMPROVE	MENTS		. LS	-	-	2,620		
FENCING			. LF	61,000	29.00	(1,770)		
PAVING AND SIT	e improvement	• • • •	. LS	-	-	(_850)		
SUBTOTAL		• • • •	• -	-	-	2,620		
CONTINGENCY (5%)		• • • •	• -	-	-	130		
TOTAL CONTRACT C	PECTION & OVERHEAD	/E EB)	• -	ĺ	-	2,750		
TOTAL REQUEST		(3.34).	. _	[1 -	2,900		
	ED FROM OTHER APPRO	PRIATIO	vs	- (NO	N-ADD)	(0)		
10 DESCRIPTION OF PAGE								

Eight-foot high chain link security fencing, vehicular and pedestrian gates, coral-surfaced inner perimeter road, outside fence clear zone.

11. REQUIREMENT: As Required.

PROJECT: Constructs perimeter fence and road at two supply depot fuel tank farms. (Current mission.)

REQUIREMENT: Adequate security for petroleum facilities as the threat of terrorism moves closer to military installations. Some activities have encountered political activists and harassment from dedicated protestors. CURRENT SITUATION: Two supply depot fuel farms have no perimeter security fencing. Unauthorized access into these areas is relatively easy. The existing security patrol is not effective in securing the fuel tank farms from unauthorized entry.

IMPACT IF NOT PROVIDED: Strong potential for sabotage. Vandalism of the fuel farms could seriously impair the activity's sustainability to support fleet readiness.

(Continued on DD 1391c)

1. COMPONE	NT		2. DATE
NAVY		FY 19 91 MILITARY CONSTRUCTION PROJECT DAT	ТА
3. INSTALLA	TION	AND LOCATION	
		DEPOT, GUAM	
4. PROJECT	TITLE	•.1	PROJECT NUMBER
SECURITY	IMP	ROVEMENTS	P-114
12. SUP	PLEM	ENTAL DATA:	
a. Military		mated design status: (Project design conforms book 1190, "Facility Planning and Design Guide.	
	(1)	Status: (a) Date Design Started	100
	(2)		sNo_X _N/A
	(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications (b) All Other Design Costs	(<u>165</u>) (<u>310</u> (<u>300</u>)
	(4)	the state of the s	11-90 onth and year)
b. from other		pment associated with this project which will b propriations: None.	e provided

1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM NAVV 5. AREA CONSTR. COST INDEX 3. INSTALLATION AND LOCATION 4. COMMAND NAVAL AIR STATION KEFLAVIK, ICELAND COMMANDER IN CHIEF, ATLANTIC FLEET 4.01 6. PERSONNEL STRENGTH STUDENTS SUPPORTED PERMANENT TOTAL CIVILIAN CIVILIAN ENLISTED CIVILIAN OFFICER ENLISTED ENL/STED a. AS OF 09/30/88 b. END FY 2675 1175 401 4719 0 0 0 167 4618 1994 286 1175 ٥ 0 167 401 0 7. INVENTORY DATA (\$000) 339.950 77.660 1.030 5,100 9,040 g. REMAINING DEFICIENCY. h. GRAND TOTAL 622.320 8. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY DESIGN STATUS START COMPLETE PROJECT TITLE SCOPE (\$000) 411.20 FUEL FACILITIES LS 09/87 09/88 TOTAL 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM 124.30 FUEL FACILITY (PH-7) 19,000 CM TOTAL B. MAJOR PLANNED NEXT THREE YEARS: 211.07 MPA SQUAD OPERS FAC 211.81 ENGINE TEST CELL 411.20 FUEL FACS 7,350 SF 5.490 LS 1.050 2.500 10. MISSION OR MAJOR FUNCTIONS.

Iceland's location astride the Greenland-Iceland-Norway gap affords Navy land-based, anti-submarine forces a forward operating airfield and support complex. This facility also supports USAF Airbonne (AWACS) and fighter-interceptor units in the air defense mission. Communications facilities provide essential coverage for Naval units operating in the North Atlantic and Norwegian Sea. Wantime contingency roles for this base would include critical support to military airlift and air defense augmentation missions. Commander, Iceland Defense Force Commander, Fleet Air Keflavik Communications Station ASW (P-3) Patrol Squadron Fighter Interceptor Squadron (F-15) Airborne Warning and Control System
(AWACS) Det (E-3A) Naval Facility Two Aircraft Control and Warning Sites 11. <u>OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</u>: A: POLLUTION ARATEMENT (\$000 26,400 INSTALLATION RESTORATION OCCUPATIONAL SAFETY AND HEALTH (OSH):

DD FORM 1390 1DEC76

and had the act a subdifferen

1. COMPONENT	FY 19_91 MILITARY CO	NSTRUC	TION PR	DJECT DA		ATE			
3. INSTALLATION AND	LOCATION		4. PROJECT	TITLE					
NAVAL AIR STATI KEFLAVIK. ICELA	•		क्षाक्ष	PUEL FACILITIES					
S. PROGRAM ELEMENT		7. PROJEC	ECT NUMBER 8. PROJECT COST (\$000)						
0204696N	3		1,030						
	9. COI	T ESTIMAT	res						
	ITEM		U/M	QUANTITY	UNIT COST	COST (\$000)			
TOTAL REQUEST.	COST		. -	- (8	- - - - - ON-ADD)	27,730 27,730 -26,800 930 50 980 50 1,030			

Three semi-buried 660,000-gallon fuel storage tanks, pumps, controls, instrumentation, cathodic protection; splinter-proof reinforced concrete manifold building, filter separators, manifolds, instrumentation, emergency generator, controls, seven-day fuel storage tank; approximately 2.9 miles of 12-inch and 14-inch diameter piping, cathodic protection, eight-hydrants for refuel- defuel operations, double truck fill stand; support facilities; utilities.

11. REQUIREMENT: As Required.
PROJECT: Provides three semi-buried fuel storage tanks, splinter-proof manifold and filter separator building, associated distribution piping, fueling hydrants, double truck fill-stand and support facilities. These alert refueling facilities are to serve tactical aircraft stationed at this station. Provides a portion of the main base fuel pipeline loop to permit receipt of the fuel at the ready fuel storage facility from the existing Relguvik fuel depot via the depot transfer pipeline. Storage and distribution facilities for forces assigned to NATO are being funded in conjunction with this project through the Infrastructure Program. (Current mission.)

REQUIREMENT: Adequate facilities to support US national and NATO plans for operations from the Keflavik airfield. A 45-day supply of fuel for contingency aviation and ground operations plus peacetime operating stocks, must be prepositioned in hardened semi-buried tanks. Total requirement of (Continued on DD 1391c)

DD: 500 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

S/N 0102 LF 001-3910

1. COMPONENT

NAVY

FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION

NAVAL AIR STATION, REFLAVIR, ICELAND

4. PROJECT TITLE

FUEL PACILITIES

P-463

11. REQUIREMENT: (Continued)

1,170,000 barrels of fuel will be programmed in seven increments. Overall funding responsibility splits approximately 50/50 US national and NATO. This is the fifth increment and provides on-airfield distribution and dispensing facilities. Incrementing is necessary because of the scope of the overall project and the need to assign work to the Iceland Prime Contractor commensurate with its ability to put work in-place. A deep-water fuel reception pier and transfer system were approved in an earlier request and are required near the fuel farm to permit rapid re-supply of the tanks during a contingency.

CURRENT SITUATION: About half of the total program of eleven tanks, fuel pier, piping and ready issue tanks has been approved and construction is underway. NATO is an equal partner in the funding responsibility of the approved program. This project maintains the 50/50 funding split. Existing fuel storage facilities meet neither US national nor NATO requirements for 45-day, prepositioned storage. Existing on-base storage is capable of holding only one-third of the 45-day supply, with less than half of the tanks in secure, buried positions. Existing above-groundtanks are over 25 years old and the severe weather has deteriorated them. Extensive repairs were made in 1980 to prolong their usefulness until new tanks are built. Tanks provided in the first increment of this program are complete and in use. Remaining available fuel storage is located 60 miles away at Hvalfjordur in leased, above-ground tanks. To reach the station, fuel from leased tanks must be transported by small Icelandic coastal barges to the interim unloading pier in the Town of Keflavik. This method of resupply would not keep pace with demand in a contingency

IMPACT IF NOT PROVIDED: Fuel storage facilities in Iceland will be insufficient to meet US operating needs. Without this increment the ability to dispense fuel to the aircraft at the airfield will be severely hampered.

ADDITIONAL: Prefinancing under NATO procedures is not planned for this project. The fuel stored in these tanks will be dedicated to operating requirements of US national and NATO forces and to peacetime operating stocks. There will be no pre-financing associated with this project. NATO is contributing \$26.8 million to this project for support forces assigned to NATO in war time. A bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new or alteration to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when construction is eligible for NATO Common Infrastructure funding.

(Continued on DD 1391c)

DD : 508M 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO. L19

1. COMP	ONEN	T				2. DATE
NAVY			FY 1	19 91 MILITARY CONSTRUCTION PROJECT DA	TA	
3. INST	ALLAT	TION A	AND LOC	ATION		
NAVA	L AII	RST	ATION,	KEFLAVIK, ICELAND		
4. PROJ	ECT T	ITLE		5.	PROJE	CY NUMBER
FUEL	FAC	LIT	IES	<u></u>		P-463
12.	SUPI	PLEM	ental	DATA:		
l	a.			design status: (Project design conforms		art II of
Mili	tary	Han	dbook	1190, "Facility Planning and Design Guide.	-")	
		(1)				
				Percent Complete as of January 1990		
				Date Design 35% Complete		
			(a)			
		(2)	Basi	is:		
			(a)	•	es	
			(b)	Where Design Was Most Recently Used:	N	/A
		(3)		il cost (c) = (a) + (b) or (d) + (e):		(\$000)
l				Production of Plans and Specifications All Other Design Costs		
1				Total		
			(b)	Contract		
			(e)	In-house	• • • • •	. (30)
		(4)	Cons	struction start		1-91
				(mo	ontn	and year)
6	b.	_	-	associated with this project which will be associated with this project which will be associated with the same of	be pr	ovided
LION	Ocne	E C CL	phtobi	iacions: Mone.		
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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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	NAVY		FY	1991 MIL	ITARY C	ONSTRUC	TION PRO	GRAM		. DATE	
3.	INSTALLATIO	N AND LO	CATION			4. COMMAN	10		15	. AREA CO	
	NAVAL COM KEFLAVIK,		ON STATIO	١,			TELECOM		!	4.01	NDEX
6.	PERSONNEL	<u> </u>	PERMANEN'			STUDENTS			SUPPORTE	<u> </u>	T
	STRENGTH	OFFICER	ENLIST: 2	CIVILIAN	OFFICER	SHLISTED	CIVILIAN	OFFICER	ENLISTED		TOTAL
	AS OF OB/30/88 END FY	•	31	304	0	0	0	0	0	0	343
	1994	•	3:	304	0	0	0	0	0	0	343
_				7.	INVENTO	RY DATA (S	(000)				
Cdet on	. INVENTORY . AUTHORIZA: . AUTHORIZA: . AUTHORIZA: . PLANNED II . REMAINING . GRAND TOT	TION NOT TION REQU TION INCO N NEXT TO DEFICIENTAL	YET IN II JESTED IN LUDED IN I REE PROGI	VENTORY. THIS PROFOLLOWING	GRAM . PROGRAM				0 4,370 0 0 4,300 8,670		
	ATEGORY								OST	DESIGN	
_	CODE	MUNICAT	PROJECT				16,000 S		4,370	START	09/89
	B. MAJOR I NONE	PLANNED I	NEXT THREE	E YEARS							
	MISSION OF TO MAN AND COMMISSION OF THE MAN AND COMMISSION OF THE MAN AND COMMISSION OF THE MAN AND COMMISSION OF THE MAN AND COMMISSION OF THE MAN AND COMMISSION OF THE MAN AND COMMISSION OF THE MAN AND COMMISSION OF T	R MAJOR I anage, or devices r ational (ge, open- unication NG POLLU TION ABA	OUNCTIONS Derate, an ecussary control, a te, and r as System	nd mainta to provisind admin saintain as assig	de requi: istratio those fac ned.	facilities communities control of the Collities collitie	unications Department of the Det	for the	e command		

DD FORM 1390 1DEC78

1. COMPONENT	FY 1	9.21 MILITARY CO	NSTRU	TIO	N PRO	JECT DA	,	ATE	
. INSTALLATION	ND LOC	ATION		4. Pf	4. PROJECT TITLE				
NAVAL COMMUN	CATIO	NS STATION.		1					
REFLAVIK, ICI		······································		1 0	OMMUN	ICATION	CENTER		
S. PROGRAM ELEM		6. CATEGORY CODE	7. PROJE		NUMBER 8. PROJECT COST (\$000)				
			1						
0303196N						4,	370		
			ST ESTIMA	TES					
		ITEM			U/M	QUANTITY	UNIT	COST (\$000)	
COMMUNICATIO	CENT	ER		•	SF	16,000	562.00	8,990	
SUPPORTING F	CILIT	IES			-	••	-	1,300	
UTILITIES.					LS	-	-	(370)	
PAVING AND	SITE	IMPROVEMENT			LS	-	1 -	(930)	
SUBTOTAL					-	-	-	10,290	
CONTINGENCY	(5%) .			•	1- 1	-	-	510	
TOTAL CONTRAC	T COS	т		•	-	-	-	10,800	
SUPERVISION,	INSPE	CTION & OVERHEAD	(5.5%).	•	1 - 1	-	-	600	
SUBTOTAL					-	-	-	11,400	
LESS: NATO	SHAR	E		•	-	-	-	-7,030	
					1 - 1	-	-	4,370	
TOTAL REQUEST	r								

Two-story reinforced concrete building, concrete foundation, semi-hardened, HEMP protected, temperature and humidity controlled environmental system, uninterrupted electric power source, emergency generators, utilities; includes space for message center, cryptographic equipment room, electronic equipment repair shops.

11. REQUIREMENT: 16,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides a communication center to house the operational functions of this station. (Current mission.)

REQUIREMENT: Adequate facilities to accommodate continual communications support for the U.S. and NATO forces operating in the North Atlantic Ocean and the Norwegian Sea, as well as supporting the Defense Communication Systems and other missions assigned by higher authority. This project is crucial for supporting Iceland Defense Force Combined Operations Center and Iceland Air Defense System programs.

CURRENT SITUATION: The present communication center is located adjacent to the aircraft parking apron, subjecting it to high noise levels, and making it vulnerable to attack or sabotage since the airfield is open to all private and commercial aircraft. Communication land lines, connecting all communication modes on the base, are exposed in unsecure manholes and vulnerable to sabotage. The building dates from 1954 and has neither the space nor configuration to support modern electronic equipment.

(Continued on DD 1391c)

DD | FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA
2 INSTALLATION A	IND LOCATION	
MARIAT GOLDON	CAMTONO CHANTON VERTAINTY TORTAIN	1
NAVAL COMMUNI	ICATIONS STATION, KEFLAVIK, ICELAND	S. PROJECT NUMBER
arrigesty i III lyti	1	
COMMUNICATION	CENTER	P-802
11. REQUIREM CURRENT SITUM The building much of the electric Code physical secul IMPACT IF NOT the continue to environmental continue to eadDITIONAL: project. This forces. NATO support of force between the Upurposes provided in the continue to the contin	MENT: (Continued) ATION: (Continued) Interior does not meet the fire protection conficted distribution system comply with the a. The building's construction is inadequate prity. The provided in the communication station's operation an unhardened building adjacent to the airgumentations vulnerable to serious disruption. Ontinued physical deterioration for lack of processing the control. Inadequate physical and electronical control.	ode, nor does National with respect to ational functions field, leaving Equipment may coper c security will anned for this al and NATO this project for ral agreement ce for military to existing ity of the U.S.,
12. SUPPLEME	ENTAL DATA:	
	imated design status: (Project design conform	
Military Hand	Book 1190, "Facility Planning and Design Guid	ie.")
(2)	(a) Date Design Started	Yes No X (\$000)
	(b) All Other Design Costs	(185). 280 (200) (80) 1-91 (month and year)

DD : 5000 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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. INSTALLATI	N AND LO	CATION			4. COMMA	ND		5	. AREA CO	
NAVAL COM SICILY, I		ON STATIO	Ν,			L TELECOM DNS COMMA			1.21	
. PERSONNEL STRENGTH		PERMANEN	T		STUDENTS			SUPPORTE	D	TOTAL
a. AS OF	OFFICER	ENI STED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	IUIA
09/30/88 b. END FY	6	147	31	0	0	0	٥	0	0	18
1994	6	147	31	0	•	•	•	0	0	184
			7.	INVENTO	RY DATA (\$000)				
b. INVENTORY c. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED I g. REMAINING h. GRAND TO 8. PROJECTS I	TION NOT TION REQ TION INC N NEXT TO DEFICIE TAL	YET IN II UESTED IN LUDED IN HREE PROGI	NVENTORY, THIS PRO FOLLOWING RAM YEARS	GRAM PROGRAM				0 0 1,750 0 0 1,750		
CATEGORY								OST	DESIGN	
131.35 RE	CEIVER F	PROJECT ACILITY	TITLE			4,000		1,750	10/88	COMPLET 09/89
A INCLUD	OUECTS: ED IN FO	LLOWING P	ROGRAM							
A INCLUD	ED IN FO									
A INCLUD NONE B. MAJOR INCHE O. MISSION O As a and to p and main	R MAJOR IN ACTIVITY MEINTEIN TOURS IN THE INTEIN THE IN	FUNCTIONS ty of the those factor of cation of se facili	E YEARS: Navy Tel cilities, communication the Depa	systems tions fo rtment o he Defen	cations S eduipme the Commun se Commun	nts, and mand, ope y: to man 1 cations	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1-THE NONE C. MISSION O AS a and to p and main 11. OUTSTANDI A: POLLU B: INSTA	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fai soursite (ration of se facili: TION AND: TEMENT RESTORATION	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, open y: to man idations	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1-THE NONE C. MISSION O AS a and to p and main 11. OUTSTANDI A: POLLU B: INSTA	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fail suisite cation of se facil:	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, ope y: to man ications	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1. THE STAND OF AS A SAND AND AND AND AND AND AND AND AND AND	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fai soursite (ration of se facili: TION AND: TEMENT RESTORATION	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, open y: to man idations	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1. THE STAND OF AS A SAND AND AND AND AND AND AND AND AND AND	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fai soursite (ration of se facili: TION AND: TEMENT RESTORATION	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, open y: to man idations	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1. THE STAND OF AS A SAME AND A SAME AND A SAME AND A SAME AND A SAME AND A SAME AND A SAME A SAM	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fai soursite (ration of se facili: TION AND: TEMENT RESTORATION	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, open y: to man idations	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1. THE NONE C. MISSION O AS a and to p and main 1. OUTSTANDI A: POLLU B: INSTA	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fai soursite (ration of se facili: TION AND: TEMENT RESTORATION	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, open y: to man idations	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1. THE NONE C. MISSION O AS a and to p and main 1. OUTSTANDI A: POLLU B: INSTA	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fai soursite (ration of se facili: TION AND: TEMENT RESTORATION	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, open y: to man idations	Sevices rational age, ope	nedassary control, rate, and		
A INCLUD NONE B. MAJOR 1. THE STAND OF AS A SAME AND A SAME AND A SAME AND A SAME AND A SAME AND A SAME AND A SAME A SAM	PLANNED ! PLANNED ! R MAJOR ! n.activi maintain rovide ri administi tain tho: NG POLLU TION ABA LLATION !	FUNCTIONS ty of the those fai soursite (ration of se facili: TION AND: TEMENT RESTORATION	E YEARS: Navy Tel. cillites, communica the Depa thes of t	systems tions fo rtment o he Defen	, equipme rine com fithe Nav se Commun	nts, and mand, open y: to man idations	Sevices rational age, ope	nedassary control, rate, and		

PAGE NO. 524

DD FORM 1390 1DEC76

1. COMPONENT	FY 1	9 <u>91</u> MILIT	ARY CO	NST	RU	CTI	ON PR	OJECT DA		ATE	
3. INSTALLATION	AND LOC	ATION				4.	PROJECT	TITLE			
NAVAL COMMUN	ICATIO						2000	VER FACIL			
SICILY, ITAL		S. CATEGORY	2005			! -					
S. PHOGRAM ECEMENT				^ '	PROJECT NUMBER 8. PROJECT COST (8000)						
0303113N 131.35 P				-30	5_			1,750			
			9. COI	T ES	TIMA	TES					
		ITEM					U/M	QUANTITY	UNIT		ST (00)
RECEIVER FAC	ILITY.			• •	• •	•	SF	4,000	-		590
BUILDINGS.					• "		SF	4,000	130.00	(520)
BUILT-IN E	QUIPME	NT					LS	-	-	(70)
SUPPORTING F	ACILIT	IES				•	LS	-	-		990
SPECIAL CO	NSTRUC	TION FEATU	RES			•	LS	-	-	(80)
ELECTRICAL	UTILI	TIES					LS	-	-	(360)
MECHANICAL	UTILI	TIES				٠	LS	-	-	(270)
PAVING AND	SITE	IMPROVEMEN	T			•	LS	-	-	(_	280)
SUBTOTAL						•	-	-	-	1	,580
CONTINGENCY						•	-	-	-	_	80
TOTAL CONTRA				• •	• •	•	-	-	-	1	,660
SUPERVISION,			OVERHEA	D (5.59	ı) .	-	-	-	-	90
TOTAL REQUES				• •	• •	•	-	-	- -		,750
EQUIPMENT PR	OVIDED	FROM OTHE	R APPRO	PRI	ATIC	SNC	-	- (NON-ADD	9 (0)
											ملف

10 DESCRIPTION OF PROPOSED CONSTRUCTION

One-story reinforced concrete building, concrete footings and floor, built-up roof, design seismic zone 4 criteria; mechanical and electrical utility building; antenna tower, antenna bases and cable trenches; utilities, fire protection system, air conditioning.

il. REQUIREMENT: 4,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Relocates and expands the existing high-frequency receiver at a new site. (Current mission.)

REQUIREMENT: A high-frequency (HF) receiver facility free of radiorequency (RF) noise. Operational necessity increases the number of receivers from 33 to 70 for efficient mission accomplishment. New receiver equipment is scheduled for delivery in 1991.

CURRENT SITUATION: The existing communication center is experiencing loss of efficiency because of RF noise generated by Naval Air Station facilities, and this condition is anticipated to worsen with the planned Mediterranean realignment of communication facilities. The existing site is planned for expansion of other communication needs.

IMPACT IF NOT PROVIDED: NAVCOMMS1. Sicily will not be able to fully accomplish its mission.

(Continued on DD 1391c)

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

	2 DATE
FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	
AND LOGATION	
TOTAL CONTRACT CONTRACT CONTRACTOR	
	STEEMUN TOPIC
ILITY	P-305
A bilateral agreement between the U.S. and the presence for military purposes provides that conterations to existing facilities for U.S. requiremensibility of the U.S., except when construction is mon Infrastructure funding. Prefinancing under NAs not planned for this project since it is not wit NATO Infrastructure criteria and standards for com	struction ents shall eligible TO hin the munication
ENTAL DATA:	
imated design status: (Project design conforms to dbook 1190, "Facility Planning and Design Guide.")	Part II of
(a) Date Design Started(b) Percent Complete as of January 1990(c) Date Design 35% Complete	<u>100</u> <u>3-89</u>
Basis:	•
(a) Standard or Definitive Design: Yes_ (b) Where Design Was Most Recently Used:	No X
(a) Production of Plans and Specifications (b) All Other Design Costs	200 (160)
	1-91 th and year)
	provided
	MENT: (Continued) A bilateral agreement between the U.S. and the presence for military purposes provides that conterations to existing facilities for U.S. requirementality of the U.S., except when construction is mon Infrastructure funding. Prefinancing under NA sont planned for this project since it is not with NATO Infrastructure criteria and standards for common funding, nor is it expected to become elemental DATA: imated design status: (Project design conforms to adbook 1190, "Facility Planning and Design Guide.") Status: (a) Date Design Started. (b) Percent Complete as of January 1990. (c) Date Design 35% Complete. (d) Date Design Complete. (d) Date Design Was Most Recently Used: Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs. (c) Total. (d) Contract. (e) In-house. Construction start. (monthistic project which will be

DD 1 PEC 76 13916

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED



1. COMPONENT		FY	1991 MIL	TARY C	ONSTRUC	TION PRO	GRAM	:	2. DATE	
NAVY 3. INSTALLATIO	IN AND LO	CATION	 -		4. COMMA	ND			S. AREA C	
NAVAL AIR STATION.					NDER IN			1,21	INDEX	
SIGONELLA	, ITALY				L	VAL FORCE	ES EURUP			1
F. PERSONNEL STRENGTH	PERMANENT				STUDENTS		OFFICER	SUPPORT		TOTAL
a. AS OF 09/30/88	OFFICER 202	ENLISTED 2116	CIVILIAN	OFFICER O	DALISTED O	CITICIAN	170	1503		4541
b. END FY	245	2570	235			6	175	1517		4742
			7.	INVENTO	RY DATA (!	
A. TOTAL ACR	EAGE		······································	(649)		 			
b. INVENTORY C. AUTHORIZA d. AUTHORIZA e. AUTHORIZA f. PLANNED 19 g. REMAINING h. GRAND TOT 8. PROJECTS R	TION NOT TION REOF TION INC! N NEXT TO DEFICIE!	YET IN TO DESTED IN L LUDED IN I HREE PROGI	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PROGRAM				49,560 49,680 13,010 0 38,700 390 51,340		
CATEGORY							9	OST		STATUS
211.03 CO	RROSION (PROJECT L CONTROL CTRL HANG NT SHOP AT	CTR AR			31,600 20,000 14,370	SF SF	5.65C 5.400 1.960	01/89 07/88 10/88	05/90 04/89 09/89
A. INCLUDI NONE B. MAJOR 1 721.11 CO 721.11 BA 740.54 FL 851.10 RD	PLANNED (NSTR BTS: CHELDR EI	NEXT THREE HP SPT FAC NLISTED OF CENTER	E YEARS: CS-IN I		-	128,700 L5 L5 L5		7,100 8,800 2,800 20,000		
supor land: assi; carr Mil: from NATO hel: 11. <u>OUTSTANDI</u> A: PÜLLÜ S: INSTA	's major of the control of the contr	mid-Medine Sixth SW aircra aircra ditactica diff Commun. Provide diammunit ombat squa	terranean Fleet and ft. Navy r on-board l aircraf and (MAC) BS air lo ion reple adron and SAFETY DE	as a bar intra-tid d airlif- t as requestry cargo f gistics nishment (AMPS M	se of open heatre aid t mission wired. Pi lights and interface pier and K III Hel	rations fi rlift squ. Suppor resently S MAC pas with nea depot. icopter S	or deplo adron all t transi supports senger f rby Augu Supports	yed, so ent, lights sta Bay		

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1. COMPONENT NAVY FY 19 91 MILITARY CONSTRUCTION PROJECT DATA							ATE				
					4. PROJECT TITLE						
NAVAL AIR STATION,											
						CORROSION CONTROL HANGAR					
5. PROGRAM ELEME	5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO.					CT	NUN	4BER	CT COST (\$000)	
İ				1					- 1		
0204696N 21.1.03 P-21				18			5	,400			
			9, ÇO	IT ES	TIM	ATE	3				
		ITEM						U/M	QUANTITY	UNIT	COST (8070)
CORROSION CON	TROL	HANGAR	• •	• •			•	SF	16,000	-	3,730
BUILDING .					٠			SP	16,000	144.00	(2,31.0)
BUILT-IN EQ	U? PME	NT						LS	-	i -	(1,420)
SUPPORTING FACILITIES						•	-	-	-	1,150	
SPECIAL FOUNDATION FEATURES							•	LS	-	-	(290)
ELECTRICAL					•		•	LS	-	-	(220)
MECHANICAL UTILITIES							•	LS	-	-	(290)
							LS	-	-	(350)	
SUBTOTAL						• •	٠	-	-	-	4,880
CONTINGENCY (5%)						•	-	-	-	240	
TOTAL CONTRACT COST						-	-	! -	5,120		
SUPERVISION, INSPECTION AND OVERHEAD (5.5%).						٠	i -	-	-		
TOTAL REQUEST						. •	-		-	5,400	
EQUIPMENT PRO	WIDED	FROM OTHER	APPRO	PRI	ATI	ONS	•	-	- (NON-ADD	9 (0)
10. DESCRIPTION OF											

One-story steel frame and masonry building, concrete footings and floor, built-up roof, design for seismic zone 4 criteria, two high-bay areas, administrative area, support shops, compressed air system, industrial waste facilities; fire protection system, air conditioning, utilities.

11. REQUIREMENT: 16,000 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides facilities to periodically perform aircraft corrosion control at the intermediate maintenance level. (Current mission.) REQUIREMENT: Adequate facility capable of maintaining a controlled environment for aircraft paint stripping and corrosion blast-cleaning. Reduce air pollution and provide work areas in compliance with paint stripping and corrosion blast-cleaning requirements of the Clean Air and Occupational Safety and Health regulations. All Navy carrier-based aircraft require protection from salt corrosion. Aircraft must be periodically stripped, corrosion blasted and cleaned, and finally repainted. It is necessary that work spaces have controlled temperature and humidity conditions in the stripping and blasting areas. Air velocities must be controlled to capture overspray of stripping liquids and excessive blasting dust. Dust and solvents must then be removed from the exhausted air. CURRENT SITUATION: Activity is located in the central Mediterranean, on the island of Sicily, where deployed Sixth Fleet Carrier aircraft are subjected to a heavily corrosive salt-air/water, volcanic (sulfur) particles, and sandy environment. There are no existing naval facilities (Continued on DD 1391c)

DD: 508M 1391

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UNTIL EXHAUSTED

S/H 0107 LF 001-3910

1. COMPONENT	2. DATE						
NAVY FY 19 ⁹¹ _MILITARY CONSTRUCTION PROJECT D	ATA						
3. INSTALLATION AND LOCATION							
NAVAL AIR STATION, SIGONELLA, ITALY							
4 PROJECT TITLE	S. PROJECT NUMBER						
CORROCTON CONTROL STANCES	- 210						
CORROSION CONTROL HANGAR	P-218						
11. REQUIREMENT: (Continued)							
CURRENT SITUATION: (Continued)							
for corrosion control of naval aircraft in the entire Euro	pean area.						
Sigonella accomplishes corrosion maintenance on more than	225 carrier air						
wing, maritime patrol, fleet logistic aircraft and helicop							
in the Mediterranean. Fleet aircraft that need corrosion							
painting, which cannot be deferred until the aircraft retu							
must be accomplished in an open environment or in hangar s							
not meet ventilation, safety, and health standards for air While painting is in progress, other maintenance on aircra							
hangar space must be deferred, effecting fleet readiness.	re reduting						
IMPACT IF NOT PROVIDED: Decrease in overall performance o	f aircraft.						
operational readiness, and mission capability. Aircraft wi							
be maintained in an area without adequate environmental co	ntrols,						
including operational hangars, exposing other aircraft and	equipment to						
paint spray and other materials used in corrosion control.							
ADDITIONAL: A bilateral agreement between the U.S. and th							
covering U.S. presence for military purposes provides that							
new or alteration to existing facilities for U.S. requirem							
the responsibility of the U.S., except when construction i NATO Common Infrastructure funding. Prefinancing under NA							
not planned for this project as it is not within an establ							
infrastructure category for common funding, nor is it expe							
eligible.							
12. SUPPLEMENTAL DATA:							
a. Estimated design status: (Project design conforms to Part II of							
Military Handbook 1190, "Facility Planning and Design Guid	(e.")						
(1) Status:	i						
(a) Date Design Started	7-88						
(b) Percent Complete as of January 1990 (c) Date Design 35% Complete							
(d) Date Design Complete							
(2) Basis:							
***	Yes No X						
(b) Where Design Was Most Recently Used:	N/A						
(3) Total cost (c) = (a) + (b) or (d) + (e):	(\$000)						
(a) Production of Plans and Specifications.							
(b) All Other Design Costs							
(c) Potal							
(d) Contract							
(e) IA-house	1-91						
• • • • • • • • • • • • • • • • • • • •	month and year)						
b. Equipment associated with this project which will							
from other appropriations: None.							

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PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

PAGE NÕ.

1. COMPONENT 2. DATE FY 19_91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE ENGINE MAINTENANCE SHOP NAVAL AIR STATION. ADDITION SIGONELLA, ITALY S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 0204696N 1,960 P-220 S. COST ESTIMATES UNIT COST U/M QUANTITY ENGINE MAINTENANCE SHOP ADDITION SF 14,370 1,040 14,370 61.00 880) LS 160) SUPPORTING PACILITIES. 730 SPECIAL CONSTRUCTION FEATURES. LS 300 LS 1601 MECHANICAL UTILITIES LS 120) PAVING AND SITE IMPROVEMENT. LS 150) 1.770 CONTINGENCY (5%) 90 1,860 SUPERVISION, INSPECTION AND OVERHEAD (5.5%). 100 1.960 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (NON-ADD) 0)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

One-story steel frame and masonry building addition, concrete foundation on engineered fill, concrete floor, built-up roof; bridge crane and hoists, fire protection and air conditioning systems, utilities.

11. REQUIREMENT: 30,510 SF. ADEQUATE: 16,140 SF. SUBSTANDARD: 0 SF. PROJECT: Constructs an addition to the engine maintenance shop. (Current mission.)

REQUIREMENT: Adequate and properly-configured facilities for organizational and intermediate maintenance activity (IMA) level upkeep of aircraft assigned, deployed to, or temporarily shore-based at this central Mediterranean operating and logistics base. Aircraft include ASW patrol (P-3, SH-2, SH-3), early warning (E-2), fleet logistics support (T-39, C-2A, C-130), vertical-on-board delivery (CH-53 VOD, CH-46 VOD), and LAMPS helicopters (SH-60).

CURRENT SITUATION: The engine maintenance shop workload is increasing because of additional aircraft loading occurring as a result of the construction of an additional aircraft maintenance hangar. The engine maintenance shop facilities were only one-half of the requirement projected prior to 1987. Since its criginal conception, an additional requirement for LAMPS MK III engine maintenance was approved in 1986 as an exigent minor project. Today's workload has necessitated maintenance functions be performed in a more crowded condition, causing mission support problems. Engines are now being packed and unpacked in outdoor fire lane areas. Because of a lack of adequate storage area, equipment is stored outdoors. (Contrnued on DD 1391c)

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1. COMP	ONENT		2. DATE
NAVY		FY 1991 MILITARY CONSTRUCTION PROJECT	
3. INSTA	LLATION	AND LOCATION	
NAUAT.	ATD GT	ATION, SIGONELLA, ITALY	
	CT TITLE		S. PROJECT NUMBER
1			
ENGINE	MAINT	ENANCE SHOP ADDITION	P-220
IMPACT and ai Inabil readin defici ADDITI projec approv seekin agreen milita existi the U. Infras	r IP NO ircraft lity of ness of iencies (IONAL): 17, as wed NAT ng devinent be ary puring fac. S., exstructu	Prefinancing under NATO procedures is not plit exceeds in its entirety the scope as described or its and standards for the applicable sation from NATO criteria is not justified. It tween the U.S. and the host nation covering sposes provides that construction of new or allities for U.S. requirements shall be the recept when construction is eligible for NATO compared funding.	aped facilities. Ty and maintain The of facility Lanned for this Tibed in the Tacility and To bilateral J.S. presence for Literation to Exponsibility of Common
		imated design status: (Project design confo dbook 1190, "Pacility Planning and Design Gu	
	(1)	Status:	
	(1)	(a) Date Design Started	<u>100</u> 3-89
	(2)	Bagis:	
	• - •	(a) Standard or Definitive Design:	YesNo_X_
		(b) Where Design Was Most Recently Used:	N/A
	(3)	Total cost (c) = (a) + (b) or (d). + (e): (a) Production of Plans and Specification: (b) All Other Design Costs	(<u>90</u>) (<u>170</u>)
	(4)	Construction start	(month and year)
from o	•	ipment associated with this project which wi	11 be provided

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONENT 2. DATE FY 19.91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL ATR STATION, OPERATIONS CONTROL CENTER SIGONELLA, ITALY 5. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (\$000) 5,650 0204696N 143.65 P-144 9. COST ESTIMATES COST U/M QUANTITY SF 31,600 193.00 6.110 690 SPECIAL CONSTRUCTION FEATURES LS 60) LS 280) PAVING AND SITE IMPROVEMENT, DEMOLITION . . LS (350) US PART OF SIGH FOR NATO PORTION (3%) 50 SUBTOTAL............ 6,850 -1,750 5,100 CONTINGENCY (5%)......... 260 5.360 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . . 290 5,650 EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS. (NON-ADD) (9,170) 10. DESCRIPTION OF PROPOSED CONSTRUCTION Two-story reinforced concrete and masonry building, concrete floors and foundation, TEMPEST shielding, computer flooring, design for seismic criteria Zone 4; semi-hardened decontamination module; security fencing, floodlights, remote monitoring of exterior doors; sprinkler system. ventilation and air conditioning, utilities; communications and telephone conduits; demolition of four buildings. 11. REQUIREMENT: 31,600 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Provides hardened facilities for the operations control (OPCON) center including a decontamination module for nuclear, biological and chemical (NBC) warfare. (Current mission.) REQUIREMENT: Adequate, hardened OPCON center to include an anti-submarine warfare operations center (ASWOC), command and control center (CCC), meteorlogical and oceanographic compartment, Maritime Air Control Authority (MACA), NATO squad operations, and support facilities including a nuclear, biological and chemical (NBC) decontamination module, all in support of expanding intelligence tasks. Hardening is required to increase uninterrupted operations of key functions in the event of hostilities in the Mediterranean theatre to sustain the communications, intelligence processing and analysis in support of Sixth Fleet operations. CURRENT SITUATION: The principal OPCOM functions are inadequate because they are undersized and not located in proximity to each other causing inefficient operations. The CCC however, has been hardened but other essential facilities have not. NBC protection is non-existent for any

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(Continued on DD 1391c)

1. COMPONENT		2. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT 0	ATA
3. INSTALLATIO	N AND LOCATION	
,		
	TATION, SIGONELLA, ITALY	
4. PROJECT TITE	•	S. PROJECT NUMBER
OPERATIONS	CONTROL CENTER	P-144
CURRENT SI	EMENT: (Continued) UATION: (Continued)	
	ility. The existing ASMOC van complex is inade	
design to	meet current and projected workloads, and cannot	accommodate
equipment	cheduled to arrive in 1993. Security of existionry and structural integrity of these structure	ing racilities is
	OT_PROVIDED: Inability to provide secure and h	
	telligence, and communications functions to rem	
	stile contingency in support of Sixth Fleet ope	
	OPCON missions will be downgraded. Essential C	
	nstalled for expanded operations to sustain com	
	e analysis and processing of data from fleet mi	
Mediterrane		
ADDITIONAL:	Conjunctive funding under NATO procedures is	planned for this
project, re	quiring partial US unilateral authorization and	l funding for US
requirement	s only, that are not within an established NATO) infrastructure
category for	r common funding. The project is partially eli	igible for NATO
	ure common funding and to that extent, has been	
	41 (FY90) for infrastructure funding. NATO cri	
	f a complete project in infrastructure. A bila	
	U.S. and the host nation covering U.S. present	
	ovides that construction of new or alterations	
	for U.S. requirements shall be the responsibili construction is eligible for NATO Common Infra	
avcebc and	construction is disdipte for auto common tutta	iscructure runding.
12. SUPPLE	MENTAL DATA:	
a. Re	timated design status: (Project design conform	es to Part II of
	ndbook 1190, "Facility Planning and Design Guid	
(1	•	
	(a) Date Design Started	1-89
	(b) Percent Complete as of January 1990	
	(c) Date Design 35% Complete	
	(d) Date Design Complete	5-90
, ,) Books	
(2	•	Va. N
	(a) Standard or Definitive Design:	Yes No X
	(b) Where Design Was Most Recently Used:	
		ì
		, <u> </u>
	(Continued or	ND 13916)

I. COMPONENT 2 DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL AIR STATION, SIGONELLA, ITALY 4. PROJECT TITLE S. PROJECT NUMBER OPERATIONS CONTROL CENTER P-144 12. SUPPLEMENTAL DATA: (Continued) (3) Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications.... 330) (b) All Other Design Costs.....(170) (c) Total..... 500 (d) Contract..... 430) (e) In-house..... (4) Construction start..... (month and year) b. Equipment associated with this project which will be provided from other appropriations: Fiscal Year Equipment Procuring. Appropriated Cost Nomenclature Appropriation or Requested (\$000) ASWOC/ASCOM Equipment OPN 7,670 1992 Meteorological/ OPN 1991 1,500 Oceanographic Equipment 9,176 TOTAL

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COMPONENT									2. DATE	
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	AND LO	CATION			4. COMMA	NO				
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		PERMANEN	T		' 			SUPPORT	ED	T
	OFFICER	EMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
09/30/88	10	274	34	0	0	0	0	0	0	218
. END FY 1894	10	288	34		٥	0	۰		•	332
		<u> </u>	7.	INVENTO	RY DATA (B000)	L	<u></u>		
. INVENTORY . AUTHORIZA . AUTHORIZA . AUTHORIZA . PLANNED IN . REMAINING . GRAND TOT	TOTAL AS FIGN NOT FION REOL FION INCI N NEXT TO DEFICIFO 'AL	YET IN II JESTED IN LUDED IN I HREE PROGI	NVENTORY. THIS PROF FOLLOWING RAM YEARS	GRAM PEOGRAM				4,590 0 1,000 0 0 5,590		
ATEGORY CODE		PROJECT	TITLE			SCOPE LS		057 0000 1,000	START	STATUS COMPLETE 08/89
ROLAM B SHOW TO MOISSIM	MAJOR I	UNCTIONS		ions for	the defe	nse of the	e U.S. a	na the		
A: POLLU1 B: INSTAL	TION AEAT LATION F	TEMENT Restoratio	ON		<u> </u>	0 0 0				
	INSTALLATION NAVAL SECONINAMA, PERSONNEL STRENGTH AT OF OB/30/88 EMD FY 1894 INVENTORY AUTHORIZAT AUTHORIZAT PLANNED IN REMAINING GRAND TOT PROJECTS R ATEGORY CODE A INCLUDE NONE B. MAJOR F NONE MISSION OF Free OUTSTANDIA B: INSTAL	NAVY INSTALLATIC AND LO NAVAL SECURITY GRO OKINAMA, JAPAN PERSONNEL STRENGTH OFFICER AS OF OB/30/88 END FY 1894 10 TOTAL ACREAGE INVENTORY TOTAL AS AUTHORIZATION NOT AUTHORIZATION NOT PLANNED IN NEXT TO REMAINING DEFICIFE GRAND TOTAL PROJECTS REQUESTED ATEGORY CODE 443.10 FIRE PROTECT TOTAL FUTURE PROJECTS: A. INCLUDED IN FOUNDME B. MAJOR PLANNED ROUNE MISSION OR MAJOR TO DROVIDE RE MISSION OR MAJOR FREE WORLD MISSION OR MAJOR FREE WORLD MISSION OR MAJOR TO DROVIDE RE B. MAJOR PLANNED ROUNE MISSION OR MAJOR TO DROVIDE RE FREE WORLD INSTALLATION FOLLUTION AS POLLUTION AS B. INSTALLATION B. 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MAJOR PLANNED NEXT THREE YEARS: NONE MISSION OR MAJOR FUNCTIONS TO DROVIDE REGIONAL COMMUNICATIONS FOR WORLD. MISSION OR MAJOR FUNCTIONS TO DROVIDE REGIONAL COMMUNICATIONS FOR WORLD. DUTSTANDING POLLUTION AND SAFETY DEFICIENCY A: POLLUTION ABATEMENT	INSTALLATIC AND LOCATION INSTALLATIC AND LOCATION NAVAL SELURITY GROUP ACTIVITY MANZA, NAVAL OKINAWA, JAPAN PERSONNEL PERMANENT STUDENTS STRENGTH AS OF OPPICER EMLISTED CIVILIAN OFFICER EMLISTED AND FY 1994 10 288 34 0 0 0 TOTAL ACREAGE (0) INVENTORY DATA IS AUTHORIZATION NOT YET IN INVENTORY. AUTHORIZATION NOT YET IN INVENTORY. AUTHORIZATION REQUESTED IN THIS PROGRAM AUTHORIZATION INCLUDED IN FOLLOWING PEDGRAM PLANNED IN NEXT THREE PROGRAM YEARS. REMAINING DEFICIFNCY. GRAND TOTAL PROJECTS REQUESTED IN THIS PROGRAM: ATEGORY PROJECT TITLE #43.10 FIRE PROTECTION SYSTEM TOTAL FUTURE PROJECTS: A. INCLUDED IN FOLLOWING FROGRAM NONE B. 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1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM .S. AREA CONSTR. 3. INSTALLATION AND LOCATION 4. COMMAND MARINE CORPS AIR STATION. IWAKUNI, JAPAN COMMANDANT OF THE MARINE CORPS 6. PERSONNEL PERMANENT STUDENTS SUPPORTED STRENGTH TOTAL OFFICER OFFICER SMLISTED SMLISTED. CIVILIAN CIVILIAN OFFICER EMLISTED CIVILIAN a. AS OF 09/30/88 D. END FY 53 426 257 2934 4528 ٥ 5561 1994 503 870 332 3241 551 7. INVENTORY DATA (\$000) a. TOTAL ACREAGE
b. INVENTORY TOTAL AS OF 30 SEP 88.
c. AUTHORIZATION NOT VET IN INVENTORY.
d. AUTHORIZATION REQUESTED IN THIS PROGRAM
e. AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM
f. PLANNED IN NEXT THREE PROGRAM YEARS.
g. REMAINING DEFICIENCY. 6.571) 50,990 3,190 5,910 4,630 32,730 78,650 n. GRAND TOTAL 8. PROJECTS REQUESTED IN THIS PROGRAM: CODE DESIGN STATUS START COMPLETE PROJECT TITLE SCOPE 15000 143.20 641.12 WEAPONS ASSEMBLY AREA 05/88 08/89 2.820 LS 23,450 SF HANGAR CONVERSION 9. FUTURE PROJECTS: ' A. INCLUDED IN FOLLOWING PROGRAM 116.35 ARMING & DEARMING PAD TOTAL 30,550 SY 04/87 08/88 8. MAJOR PLANNED NEXT THREE YEARS: 113 20 'AIRCRAFT PARKING APRON 211.05 FIRE PROT AC HANGAR SHP 441.10 FIRE PROT WAREHOUSE 111.10 WIDEN RUNWAY 12.760 3.150 4.750 4.140 112,000 SY 950 SF 10. MISSION OR MAJOR FUNCTIONS:

Maintain and operate facilities and provide services and materials to support operations of a Marine Aircraft Wing, or units thereof, and other activities and units as designated by the Commandant of the Marine Corps in coordination with the Chief of Naval Operations 11. UUTSTANDING POLLUTION AND SAFETY DEFICIENCIES: A: POLLUTION ABATEMENT (\$000) INSTALLATION RESTORATION OCCUPATIONAL SAFETY AND HEALTH (OSH):

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3. INSTALLATION	ND LOC	ATION		4. PRO-	JECT T	ITLE		
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S. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC				CT COST (5000)
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		9. CO	T ESTIMA	TES.				
		ITEM		<u>l</u>	J/M C	NTITHAU2	COST	COST (\$000)
HANGAR CONVE	RSION.			. 1	SP	23,450	-	1,200
BUILDING C	ONVERS	ION AND RENOVATION	N	. 1:	SF	23,450	51.00	(1,200)
SUPPORTING F	ACILIT	IES		. 1	-	-	-	1,590
ELECTRICAL	UTILI	TIES		. 1	LS	-	-	(450)
MECHANICAL	UTILI	TIES			LS	-	-	(720)
PAVING AND	SITE	IMPROVEMENT		• [LS	-	-	(420)
SUBTOTAL				• 1	-	-	-	2,790
CONTINGENCY				• [-	~	-	140
TOTAL CONTRA			• • • •	• 1	-	-	-	2,930
		CTION AND OVERHEA	D (5.5%) . [-	-	\	160
TOTAL REQUES					-	-	-	3,090
EQUIPMENT PR	OAIDED	FROM OTHER APPRO	PRIATIO	NS	-	- (NON-ADD	(0)
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1		SEED CONSTRUCTION						1

Convert building back to designed use of aircraft maintenance hangar, administrative offices, mechanical room, compressed air system, floor drainage system, ventilation, utilities.

11. REQUIREMENT: 23,450 SF. ADEQUATE: 0 SF. SUBSTANDARD: 0 SF. PROJECT: Converts and renovates hangar currently being used as a warehouse back to a maintenance hangar. (Current mission.) REQUIREMENT: Adequate hangar space to support additional aircraft being assigned to this activity.

CURRENT SITUATION: This activity has a shortage of hangar space. Prior to the assignment of additional high-tech AV-8 aircraft, the lack of storage space was more critical, so a hangar was used to meet this need. With the assignment of newer and more AV-8 aircraft, this hangar must now be renovated to convert it back to accommodate aircraft maintenance. The cost of a new hangar would greatly exceed the cost of this project. IMPACT IF NOT PROVIDED: Scheduled and unscheduled organizational maintenance on assigned aircraft cannot be accomplished, severely affecting the operational readiness and deployability of $\omega_{\rm re}$ squadrons assigned to Marine Air Group-12.

(Continued on DD 1391c)

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PREVIOUS EDITIONS WAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. C 3

1. COMPONENT	\neg		2. DATE
NAVY	1	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	Α
3. INSTALLATIO	ON AN	40 LOCATION	
MARINE COF	RPS A	AIR STATION, IWAKUNI, JAPAN	
4. PROJECT TIT	FLE	5. P	ROJECT NUMBER
HANGAR CON	NVERS	SION	P-809
ADDITIONAL Covering U new or alt the respon Japanese E	L: A U.S. terat nsibi Pacil	ENT: (Continued) A bilateral agreement between the U.S. and the h presence for military purposes provides that co tions to existing facilities for U.S. requirement ility of the U.S., except when construction is e lity Improvement Program (JFIP) funding.	onstruction of nts shall be
12. SUPPI	LEMEN	NTAL DATA:	
		mated design status: (Project design conforms t book 1190, "Facility Planning and Design Guide."	
((1)	Status:	
	\	(a) Date Design Started(b) Percent Complete as of January 1990(c) Date Design 35% Complete	100
		(d) Date Design Complete	
	(2)	Basis:	
٦	(4)	(a) Standard or Definitive Design: Yes	s No X
		(b) Where Design Was Most Recently Used:	N/A
((3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
	•	(a) Production of Plans and Specifications	(
		(b) All Other Design Costs	
		(c) Total	
		(d) Contract	
		(e) In-house	(
į	(4)		5-91 nth and year)
b. I	Fauir	pment associated with this project which will be	e provided
		propriations: None.	e provide-
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NAVY	FY	19.21. MILITARY C	ONS	TRI	C	TIO	N PR	OJECT DA	TA 2. 0	ATE
3. INSTALLATION	ND LOC	ATION			\neg	4. PI	BOJEC:	TITLE		
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		ITEM					U/M	QUANTITY	COST	COST (\$000)
Weapons asser	BLY A	REA				•	LS	-	-	1,030
		BUILDING		٠			SF	930	118.00	
		ILDINGS					SF	5,740	16.00	,
BARRICADES							CY	27,470	30.00	(830)
Supporting Fa	CILIT	IES		_			LS		30.00	1,510
UTILITIES.					:	:	LS	_	1] !	(310)
		IMPROVEMENT				•	LS	_		,
SUBTOTAL				-			_	_] []	(1,200)
CONTINGENCY (54) .			٠	•	•		_	-	2,540
		r	• •	•	•	•		_	1 - 1	130
		TION AND OVERHEA	, ,		• .	•		•	-	2,670
TOTAL REQUEST				J. J	•,	•	1 1	-	-	150
EOUI PMENT PRO	UIDED.	FROM OTHER APPRO			<u>.</u>	•	-	-	1 - 1	2,820
-R	4 1000	THOM OTHER APPRO	PKI	111	UN.	5	-	- (NON-ADD	(0)

One-story steel frame and masonry building; four ready storage buildings earthen berm barricaded; concrete foundations and floors, built-up roofs, engineered fill, retaining wall; monorail and hoist system, compressed air system, utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides a weapons assembly and ordnance ready-storage facility. (New mission.)

REQUIREMENT: Adequate facilities to support ordnance build-up and ready-storage areas to accommodate two Marine Aircraft Groups (MAGs). CURRENT SITUATION: Existing ordnance assembly area operates under an explosive safety waiver and has the capacity to support only a single MAG vice the two MAGs now assigned to Iwakuni. The existing facility needs to be relocated to make room for another ordnance related project. After completion of this and a follow-on ordnance project, all explosive arcs from ordnance operations will be contained within non-populated areas. IMPACT IF NOT PROVIDED: This activity will be unable to support the operational needs of the two MAGs assigned. Populated areas will remain within explosive safety arcs, thus exposing people to unnecessary danger and possible injury in the event of an ordnance mishap.

(Continued on DD 1391c)

DD: 5084, 1391 S/H 0162 LF 601-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUGTED

PAGE NO. E 35

I. COMPONENT	FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA SATE
. INSTALLATION	AND LOCATION	
MARINE CORPS	AIR STATION, IMAKUNI, JAPAN	
4. PROJECT TITLE		S. PROJECT NUMBER
MEAPONS ASSE	HRLY AREA	P-840
covering U.S of new or al be the respo	MENT: (Continued) A bilateral agreement between the U.S. and the presence for military purposes provides that terations to existing facilities for U.S. requires the U.S., except when construction and the U.S., except when construction of the U.S., except when	construction irements chall
12. SUPPLEM	ENTAL DATA:	
	imated design status: (Project design conform dbook 1190, "Facility Planning and Design Guid	
(1)	Status: (a) Date Design Started	100
(2)		YesNo_X
(3)	Total cost (c) = (a) + (b) or (d) + (e): (a) Production of Plans and Specifications. (b) All Other Design Costs	220 (150)
(4)	Construction start	6-91 (month and year)
•	ipment associated with this project which will ppropriations: None.	L be provided

DD , 500%, 1391c

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1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM 5. AREA CONSTR. 3. INSTALLATION AND LOCATION 4. COMMAND COST INDEX COMMANDER IN CHIEF, PACIFIC FLEET NAVAL MAGAZINE, SUBIC BAY, PHILIPPINES 1.23 6. PERSONNEL SUPPORTED PERMANENT STUDENTS STRENGTH TOTAL OFFICER ENLISTED CIVILIAN ENLISTED CIVILIAN OFFICER ENLISTED CIVILIAN OFFICER a. AS OF 409 09/30/65 b. END FY 230 0 0 142 0 0 ٥ 1994 28 184 0 7. INVENTORY DATA (\$000) 23,690 1.900 7,300 21,700 19,200 8. PROJECTS REQUESTED IN THIS PROGRAM: CATEGORY DESIGN STATUS START COMPLETE PROJECT TITLE SCOPE (\$000) AMMO SEGREGATION FACILITY 14,500 SF _ 10/88 01/90 9. FUTURE PROJECTS: A. INCLUDED IN FOLLOWING PROGRAM
143.20 ORDNANCE OPERATIONS BLDG
229.60 GUIDED MSL INTEGRATION FAC J€, 160 SF 4.300 25,590 SF TOTAL B. MAJOR PLANNED NEXT THREE YEARS: 152.70 DRD CONTAINER HDLG WHARF 212.10 GUIDED MISSILE INTEG FAC LS 11,000 37,260 SF 35,500 SF 6.000 AMMO REWRK & OVHL SHOPS 216.10 10. MISSION OR MAJOR FUNCTIONS:
Receive, maintain, rework, sort, and issue ammunitions and ordnance for military forces in the area. 11. OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES:
A: POLLUTION ABATEMENT
B: INSTALLATION RESTORATION
C: OCCUPATIONAL SAFETY AND HEALTH (DSH): (\$000)

DD FORM 1330 1DEC76 PAGE NO. 541

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1. COMPONENT	FY 1	9 <u>91</u> MILITARY CO	NSTRUC	TIO	V PR	DJECT DA	TA	2. D/	ATE
3. INSTALLATION	ND LOC	ATION		4. PR	OJECT	TITLE			
NAVAL MAGAZIN	TE. SU	BIC BAY.							l
REPUBLIC OF	- •	•		AM	MUNI'	TION SEG	REGAT	KOI	FACILITY
S. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC			S. PRO			
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		ITEM			U/M	QUANTITY	UN		COST (\$000)
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UTILITIES					LS	l -	-	1	(300)
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SUBTOTAL					_	_	1 –	- 1	1,710
CONTINGENCY	(5%)				-	i –	-	1	90
TOTAL CONTRAC		T		_	_	١ ـ	j _	}	1,800
		CTION & OVERHEAD	(5.5%).		-	-	} -	i	100
TOTAL REQUES'					_	_	1 -)	1,900
		FROM OTHER APPRO	PRIATIO	NS	} _	-	NON-	ADD	(0)
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					}		1		
TO DESCRIPTION O	E BEAR	SED CONSTRUCTION							

One-story steel frame building, concrete foundation and floor, open sides, built-up roof, masonry partitions, explosion-proof fixtures, sprinkler and fire alarm systems, grounding and lightning protection, utilities.

11. REQUIREMENT: 14,500 SF. ADEQUATE: 0 SF. SUBSTANDARD: 10,400 SF. PROJECT: Provides an ammunition segregation facility outside the explosive safety quantity distance (ESQD) arcs. (Current mission.) REQUIREMENT: Adequate facilities to support inspection of all ammunition and explosives to insure that they are stored in the appropriate magazine based on type of explosive or sent to repair shops. Segregation is a major process in maintaining munition logistical support to the Fleet. All incoming explosives are brought to a segregation area. A suitably-sited segregation facility is necessary to segregate incoming munitions of various explosive hazard classification to comply with storage and handling safety requirements. Explosives are removed from combatants before they are sent to repair piers and from other ships with explosive cargo destined for Subic Bay. Explosives are inspected and sent to storage or to repair and rework shops so that damaged, over-aged, or uncertified explosives are not returned to ships.

CURRENT SITUATION: The existing ammunition segregation facility operates under an explosive safety waiver, as it is within the explosive safety quantity distance arcs from both ammunition wherves. Explosives segregation is performed in deteriorated facilities that are structurally unsafe.

(Continued on DD 1391c)

DD : 5084 1391 S/N 0102 LF 001-3910

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

1. COMPONER	iT		2. DATE
NAVY -	İ	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA
3. INSTALLA	TION A	ND LOCATION	
		E, SUBIC BAY, REPUBLIC OF THE PHILIPPINES	
4. PROJECT T	ITLE		S. PROJECT NUMBER
AMMUNITIO	ON SE	GREGATION FACILITY	P-405
IMPACT IS operating ADDITIONS covering new or al the response	NOT und U.S. U.S. ltera	ENT: (Continued) PROVIDED: Continued segregation of munitions er an explosive safety waiver. A bilateral agreement between the U.S. and hos presence for military purposes provides that tions to existing facilities for U.S. requires ility of the U.S.	st nation Construction of
		······································	
		mated design status: (Project design conform	
Military	Hand	book 1190, "Facility Planning and Design Guide	e.")
	(1)	Status:	
		(a) Date Design Started	<u>100</u> <u>5-89</u>
	(2)	Basis:	
		(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	YesNo_X_
	(3)	Total cost (c) = (a) + (b) or (d) + (e):	(\$000)
		(a) Production of Plans and Specifications.	(90)
		(b) All Other Design Costs	
		(c) Total(d) Contract	
		(e) In-house	· · · · · · · · · · · · · · · · · · ·
	(4)	Construction start	4-91 month and year)
b.	Fouri	pment associated with this project which will	he provided
	-	propriations: None.	De province
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NAVY								. 4	. DATE	
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. PERSONNEL	T	PERMANENT			STUDENTS			SUPPORTER	D	
STRENGTH	OFFICER	SMLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	OFFICER	ENLISTED	CIVILIAN	TOTAL
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b. END FY 1 99 4	13	285	71	0	o	! o	٥	0	0	368
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A. AS OF CRAFT BRISTED CIVILIAN OFFICER BRISTE	PERSONNEL		PERMANEN	r		STUDENTS	 i		SUPPORTE	D	Π
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1984 40 800 2 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	03/30/88	29	622	2	0	0	0	0	٥	0	61
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Atlantic and Mediterramen areas. 1. <u>OUTSTANDING POLLUTION AND SAFETY DEFICIENCIES</u> : (\$000) A: POLLUTION ABATEMENT 0 B: INSTALLATION RESTORATION 0	A INCLUD	TOTAL DUSCTS: ED IN FOL	LOWING P	ROGRAM	· · · · · · · · · · · · · · · · · · ·				1.740		
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1. COMPONENT 2. DATE FY 19_31 MILITARY CONSTRUCTION PROJECT DATA MAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL COMMUNICATION STATION, OPERATIONS BUILDING ADDITION
UMBER 8. PROJECT COST (\$000) ROTA, SPAIN 6. CATEGORY CODE 7 PROJECT NUMBER S. PROGRAM ELEMENT 1.740 0303196N S. COST ESTIMATES U/M QUANTITY OPERATIONS BUILDING ADDITION 11.340 1.270 SF SF 9,140 97.00 (890) 2,200 100) SF 45.00 LS 280) 300 300) UTILITIES, PAVING & SITE IMPR, DEMOLITION. LS 1,570 CONTINGENCY (5%) 80 1,650 SUPERVISION, INSPECTION AND OVERHEAD (5.5%). 90 1.740 (NON-ADD) EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS - (01 10. DESCRIPTION OF PROPOSED CONSTRUCTION One-story reinforced concrete and masonry building addition, concrete foundation and floor, built-up roofing on rigid insulation over concrete deck, computer flooring, sound attenuation, fire protection system, access control system; renovate interior of one building; air conditioning, utilities; partial demolition of one building. 11. REQUIREMENT: 77,760 SF. ADEQUATE: 66,420 SF. SUBSTANDARD: (2,200) SF. PROJECT: Provides additional operational space adjacent to the Circular Display Antenna Array Building and improves the use of existing building space. (Current mission.) REQUIREMENT: Adequate and properly-configured operational communication facility spaces for Naval Security Group (NAVSECGRU) Detachment Rota to accommodate the dynamic upgrade of equipment and the installation of additional state-of-the-art communication equipment. An automatic data processing (ADP) work center is necessary to provide equipment space and common work area for software development, ADP training, and security guidance for the department, supporting SEAMARK, NEWSDEALER, CENTER-BOARD, and TACINTEL. CURRENT SITUATION: Existing space will not support the additional

DD 1 DEC 76 1391

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IMPACT IF NOT PROVIDED: Additional communications workload will not be efficiently and effectively accomplished. Operational floor space will not be available to support the mission requirements of NAVSECGRU.

communications programs, equipment, or personnel.

AGE NO. E A

(Continued on DD 1391c)

1. COMPONEN	T			2. DATE
	i	FY 1	19 91 MILITARY CONSTRUCTION PROJECT D	ATA
NAVY				
3. INSTALLAT	ION A	ND LOC	ATION	
		CATIO	N STATION, ROTA, SPAIN	
4. PROJECT T	ITLE			S. PROJECT NUMBER
OPERATION	15 BU	ILDIN	G ADDITION	P-556
INPACT IF Critical be advers communica ADDITIONA it is not between t purposes facilities	committee sely ation L: in the U proves fo	unica affec s. NATO suppo .S. a ides r U.S	(Continued) TDED: (Continued) tions support services provided to the S ted. Activity will not be able to provi prefinancing is not applicable to this p rt of forces assigned to NATO. A bilate nd the host nation covering U.S. present that construction of new or alterations . requirements shall be the responsibili uction is eligible for NATO Common Infra	de quality roject because ral agreement e for military to existing ty of the U.S.,
12. SUPP	LEME	NTAL	DATA:	
			design shatus: (Project design conform 1190, "Facility Planning and Design Guid	
	(1)	Stat (a) (b) (c)	us: Date Design Started Percent Complete as of January 1990 Date Design 35% Complete	100
		(d)	Date Design Complete	10-89
	(2)	Basi	s:	
		(a)	Standard or Definitive Design:	YesNo_X_
		(b)	Where Design Was Most Recently Used:	N/A
			•	. —
	(3)		$1 \cos t (c) = (a) + (b) or (d) + (e):$	(\$ 000)
		(a)	Production of Plans and Specifications.	
		(b)	All Other Design Costs	
		(c)	Total	170
		(a)	Contract	(135_)
		(e)	In-house	(35_)
			A	
	(4)	Cons	truction start	nonth and year)
b. from othe			associated with this project which will iations: None.	be provided
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PAGE NO

									Z. DATE	
MAVY	FY 19.3	1MIL	.ITARY	CON	STRUC	CTION	PROG	RAM		
3. INSTALLATION A	D LOCATION			T	4. COMM	MND			S. AREA	CONSTR.
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6. PERSONNEL STAENGTH:		PMANER			TUDENT			UPPORT		TOTAL
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. AS OF 9/30/86				l . T	*	Ĭ	"	_	1 -	
b. END FY 19 94	45	238	30	10	50	0	2	3	51	429
			7. MYEN	TORY		900)				
a. TOTAL ACREAGE b. INVENTORY TOT c. AUTHORIZATION d. AUTHORIZATION e. AUTHORIZATION f. PLANNED IN NE s. REMAINING DEF h. GRAND TOTAL	ALASOF 3 ENOTYSTIN I REQUESTED I INCLUDED I IT THREE PRI ICIENCY	INVENTO IN THIS IN FOLLO OGRAM Y	DRY. PROGRAI WING PRI 'EARS	M OGRAM	 I 				0 0 ,600 0 0 0	
B. PROJECTS REQUE										
CATEGORY COR PROJ	ICT TITLE				SCOPE		C0*		DESIGN STA	<u>rus</u> Complete
	ronic Ins	tallati	ion		LS		3,60 3,60	<u>0</u> 1	2/88	06/90
9. Future Pro	decter									
		Next T	ons: S	ears:	illanc	e, ea				rget
11. Outstand:	ing pollu	tion ar	nd safe	etv de	ficie	ncies	:	(\$000)		
	tion Aba						,•	0 000		
		Dantar						Ö		
b. Insti	allation :	KED COL	rtion:					•		
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PAGENO. 546

. COMPONENT 1. DATE FY 1991 MILITARY CONSTRUCTION PROJECT DAYA NAVY 4. PROJECT TITLE 3. INSTALLATION AND LOCATION PLEET SURVEILLANCE SUPPORT COMMAND, ELECTRONIC INSTALLATION BRANDY WALFS, UNITED KINGDOM 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (\$000) S. PROGRAM ELEMENT 134.70 P-301 <u>0204577N</u> A. COST ESTIMATES COST ITEM U/M QUANTITY 9.240 7.5 (2,640) LS (4,540) LS LS (2,060)4,300 SUPPORTING FACILITIES. LS (1,979)PAVING AND SITE IMPROVEMENT. LS (2,330)13,340 680 14,220 TOTAL CONTRACT COST. 780 SUPERVISION, INSPECTION & OVERHEAD (5.5%). _ 15,000 -11,400 LESS: OTHER FUNDING 3,600 U.S. FUNDING REQUEST EQUIPMENT PROVIDED FROM OTHER APPROPRIATIONS (MON-ADD) (90,000)

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Site preparation for relocatable-over-the-horizon-radar (ROTHR) system installation; reinforced concrete van pads, antenna footings and foundations, personnel support facilities, operations facilities, roads, security fencing, emergency generators, fuel storage tanks, utilities.

11. REQUIREMENT: As Required.

PROJECT: Provides site preparation and support facilities for the installation of a Relocatable-Over-the-Horizon-Radar (ROTHR) System in the United Kingdom. (New mission.)

REQUIREMENT: The ROTHR System, when installed, will satisfy the requirement for broad area over-the-horizon surveillance and tactical forces support in the North Sea and Baltic Sea regions.

CURRENT SITUATION: There is no broad area surveillance system currently in place which provides coverage in the required area.

IMPACT IF NOT PROVIDED: The ROTHR System will not be installed and current

surveillance requirements will not be met.

ADDITIONAL: A bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new or alterations to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when joint-use or mutual benefits are derived. Project construction cost will be shared by the U.S. and the host nation, with host nation accepting approximately 75% funding

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. 5.45

S/N 0102 LF 001-2010

1. COMPONENT		2 DATE								
	FY 19 91 MILITARY CONSTRUCTION PROJECT D	ATA								
MAVY										
3. INSTALLATION	AND LOCATION									
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PLEET SURVEILLANCE SUPPORT CONMAND, BRANDY MALES, UNITED KINGDOM										
4. PROJECT TITLE	•	5. PROJECT NOMBER								
ELECTRONIC :	METALIATION	P -301								
	RENT: (Continued)									
	ty. WATO prefinancing is not applicable to the									
	s not included in an approved NATO category as	nd is not								
	become eligible.									
12. SUPPLE	ENTAL DATA:									
a. Re	imated design status: (Project design confor	ms to Part II of								
	dbook 1190, "Facility Planning and Design Guid									
		•								
(1										
<u> </u>	(a) Date Design Started	<u>12-68</u>								
}	(b) Percent Complete as of January 1990	75								
	(c) Date Design 35% Complete									
	(d) pace pastdu combiaca	<u> </u>								
(2	Basis:									
	(a) Standard or Definitive Design:(b) Where Design Was Most Recently Used:	YesNo_X_								
	(b) Where Design Was Most Recently Used:	N/A								
(3	,_ ,_ ,_ ,_ ,_ ,_ ,_ ,_ ,_ ,_ ,_ ,	(<u>\$000</u>)								
	(a) Production of Plans and Specifications (b) All Other Design Costs	(313)								
	(c) Total									
	(d) Contract									
ł	(e) In-house									
(4										
·		(month and year)								
h. Ba	ipment associated with this project which wil	l be provided								
	appropriations:									
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1	Piscal Year									
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Equipment	operational orn 1771	24,444								
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L	1864	264	822	\$48		0	0	0	0	0	1634
3. INSTALLATION AND LOCATION PERSONNEL SUPPORT ACTIVITY. LONDON, UNITED KINDOM COMMANDER IN CHIEF. US NAVAL FORCES EUROPE 1.50 6. PERSONNEL STRENGTH OFFICIAL											
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			PROJECT	TITLE			SCOPE				
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9.						<u>-</u>					
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		PLANNED I	NEXT THRE	E YEARS							
	Navy mili pay disp US No acti	'S primmi tary pers and pers ursing so eval Fore vities a	ry activitionnel am connel rece ervices ac ces. Euro nd units	d their fords, pro nd other pe; US Co in the Un	emilies vides pa related mmander, ited Kin	in Northersenger to support to Eastern o gaom.	rn Europe ransporta o the Com	Maint tion ser mander 1	ains Vices, n Chi <i>e</i> f,		
11.	A: POLLU	TION ABA	TEMENT		FICIENCI	<u> </u>	0				
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DD FORM 1390 1DEC76 PAGE NO. 55

VARIOUS LOCATIONS

1 COMPONENT	FY 1	9_21 MILITARY CO		TRU	CTIO	N PR	OJECT DA	TA 2	DATE
3. INSTALLATION	ND LOC	ATION			4. PF	OJECT	TITLE		
NAVAL INSTAL			CONS	.	<u> </u>	AND	ACQUISITI	ON	
S. PROGRAM ELEM	ENT	6. CAYEGORY CODE	CT NU	MOER	S. PROJ	ECT COS	7 (9000)		
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		8, 20	57 E	STILL	ATES				
		ITEM				UM	QUANTITY	COST	
LAND ACQUIST SUBTOTAL	PION .			•	• •	LS -	-	-	7,040
CONTINGENCY	• • •			•	• •	-	-	-	350
TOTAL CONTRA		T	/5	581	• •	-	-	-	7,390
TOTAL REQUES					• •	-		! _	7,800
EQUIPMENT PR	OVIDED	FROM OTHER APPRO)PRI	ATI	ONS	-	i - (NON-AI	
10. DESCRIPTION O									

Acquisition of interests in approximately 645.0 acres of land as follows; provide relocation assistance; demolition as necessary.

Naval Submarine Base, New London, CT - 2.0 acres (approx.) Naval Amphibious Base, Little Creek, VA - 3.0 acres (approx.) Naval Air Facility, El Centro, CA - 640.0 acres (approx.)

11. REQUIREMENT: As Required.

PROJECT: Acquires interests in land at three locations to support activity missions.

REQUIREMENT: Restrictive use easements or fee titles are needed to provide sites for facilities and to meet or protect operational capabilities.

CURRENT SITUATION: Sites are not available for construction of some facilities, and operations are constrained by non-compatible activity on privately-owned land adjacent to the boundaries of Navy activities.

IMPACT IF NOT PROVIDED: Sites will not be available for construction of facilities. Military operations will continue to be constrained.

12. SUPPLEMENTAL DATA: Not Applicable.

POLLUTION ABATEMENT

1 COMPONENT	FY 1	9 91 MILITAR	Y CO	NST	RUC	TIOI	N PR	DJECT DA	TA	2. D	ATE
CORPS INSTALLATION AND CORPS INSTALLATION OF THE UNITED	TION:	S, VARIOUS LO			E			TITLE	EMEN	יש יי	CILITIES
5. PACGRAM ELEME	E	7. PI	0310		MEER						
VARIES		VARIES	9. CO	T SE		RIOU	<u>s</u>		17,2	40	
		ITEM					U/M	QUANTITY	UN		COST (\$000)
POLLUTION ABAY TOTAL REQUEST		FACILITIES	• •	• •		•	LS -	-	-		17,240 17,240
			•								
10. DESCRIPTION OF	FROPO	SED CONSTRUCTIO	ON.						1		L

These pollution abatement facilities will bring Naval installations into compliance with federal, state, and local environmental laws. Facilities include upgrading existing structures, building new structures, solid waste disposal, and separation of water and sewer pipelines. Environmental engineering evaluations were performed to determine the most advantageous method for achieving compliance with environmental laws and regulations. (See individual project description of work.)

11. REQUIREMENT: VARIES.

PROJECT: Provides pollution abatement facilities.

REQUIREMENT: To continue the Navy's program for correcting, controlling, and preventing pollution at Naval and Marine Corps installations, and to comply with federal, state, and local water quality standards.

CURRENT SITUATION: Facilities at Naval and Marine Corps installations were often constructed with inadequate controls to meet present day environmental quality standards. Industrial wastewaters and sewage are discharged untreated or inadequately treated into adjacent waterways.

ADDITIONAL: This program complies with current water quality standards for the projects at their locations. The pollution abatement program includes projects in the following categories:

(Continued on DD 1391c)

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1. COMPONENT

NAVY

FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION
NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE THE UNITED STATES

4. PROJECT TITLE

POLLUTION ABATEMENT FACILITIES

VARIOUS

VARIOUS

11. REQUIREMENT: (Continued)

ADDITIONAL: (Continued)

Solid Waste Disposal Facilities - These projects are necessary in certain areas with unusual conditions for disposal of solid wastes to eliminate excess accumulations of trash and garbage that possibly would attract vermin.

Sanitary Wastewater System - Some installations have sewerage systems which do not meet present day minimum water quality standards. The Clean Water Act of 1977, PL 95-217, requires every "point source" discharger to obtain a permit which specifies the allowable amount and constituents of the effluent. The permit also contains a schedule specifying the dates by which the discharger will achieve compliance. These projects provide improvements to sanitary sewage collection and treatment systems to satisfy the water quality criteria and permit requirements. Industrial Wastewater Treatment Facilities - Industrial operations create many unique waste disposal problems. The effluent is more difficult to treat than typica? sanitary sewage wastewater. Industrial wastewater effluents contain heavy metals and toxic and corrosive chemicals that are potential stream poilutants, and also have deleterious effect on municipal sewage treatment systems. Therefore, the Navy must provide pretreatment plants at many installations. Industrial facilities discharge wastes, untreated or inadequately treated, into adjacent drainage courses that empty into harbor or navigable waters in violation of water quality standards. These projects provide pretreatment facilities, and other modifications as required, to meet the discharge permit requirements. Water and Sewer Pipelines Separation - These projects insure compliance with Environmental Protection Agency (EPA), the Clean Water Act, and the States for elimination of potable water contamination because of cross-connections of pipelines.

12. SUPPLEMENTAL DATA:

a. Estimated design status: Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide.

Individual project descriptions follow:

(Continued on DD 1391c)

1. COMPONENT

FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE THE UNITED STATES

4. PROJECT TITLE

2 DATE

POLLUTION ABATEMENT FACILITIES

VARIOUS

CATEGORY PROJECT CODE NUMBER

PROJECT TITLE/INSTALLATION/LOCATION

COST (\$000)

Inside the United States

Alaska

833.20 P-892 Solid Waste Disposal Facility, NAS Adak 3.200

Solid waste is currently disposed of through a baling and burial procedure. The compacting and baling is accomplished in a 44-year old facility. Pailures and downtime cause an unacceptable level of garbage and trash to accumulate and attract vermin. Because of poor drainage and this accumulation, standing pools of contaminated water are formed. The overall situation promotes unsanitary conditions. Without the proposed facility, the threat of a shutdown because of system and equipment failure or unacceptable health hazards will continue to exist. This project will replace the obsolete facility. (Current mission.)

Subtotal - Alaska

3,200

California

214.55 P-470 Industrial Wastewater Treatment Facilities, MCAGCC Twentynine Palms

2,200

Washdown facilities are necessary for maintenance of tactical and support vehicles returning from firing range training. Thirteen wash facilities presently discharge large quantities of oily wastewater into sanitary sewers or unlined storm drainage ditches. Facility improvements are required to reduce the quantity of wastewater and the amount of oil, grease, and solvents in the wash water effluent. These improvements will eliminate potential drinking water contamination from hazardous waste discharges, reduce the load on the sewage treatment plant, and eliminate the waste oil that now flows into the sanitary sewers. Standard sand and oil separators used are inadequate because of the excessive quantities of sand needed, and the velocity through the separators. The large quantities of oil mixed with water have a deleterious effect on the operation of the sewage treatment plant. Permits are necessary for seven of the wash stations that discharge into storm drain channels. The patroleum product

(Continued on DD 1391c)

DD : 50AM 1391c S/N 6162-LF-661-2619

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1. COMPONENT

FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

DATE

NAVY

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE THE UNITED STATES

4. PROJECT TITLE

S. PROJECT NUMBER

POLLUTION ABATEMENT FACILITIES

VARIOUS

CATEGORY CODE PROJECT NUMBER

PROJECT TITLE/INSTALLATION/LOCATION

COST (\$000)

California (Continued)

214.55 P-470 Industrial Wastewater Treatment Facilities, MCAGCC Twentynine Palms (Continued)

content, particularly high levels of benzene, exceeds the State standards and thus the Regional Water Quality Control Board cannot issue the permits. This project will eliminate waste discharges from washdown facilities to open drainage ditches and provide pretreatment of the wastes before discharge to the sanitary sewer system. (Current mission.)

Subtotal - California

2,200

Florida

831.10 P-831 Sanitary Wastewater System Upgrade, NAS Cecil 2,000 Field

Project is necessary for compliance with Environmental Protection Agency (EPA) and the Florida Department of Environmental Regulation requirements that treated water discharged from a sewage treatment plant can no longer be discharged into surface waters. Secondary effluent is presently discharged downstream into the receiving waters and flows to the St. John's River. This project will construct appropriate tertiary treatment facilities for sewage treatment plant effluent to pass through before final station discharge. This work will insure Navy compliance with Federal and State water quality standards. (Current mission.)

842.10 P-111 Water and Sewer Pipelines Separation, NPWC Pensacola 3,440

A survey and study of the facilities at NAS Pensacola indicated a potential hazard for contamination of the potable water system exists in many locations throughout the activity. Contamination of potable water would pose a serious threat to the health and safety of personnel. The elimination of all possible potable water contamination through cross-connections of potable and non-potable water pipelines is required by

(Continued on DD 1391c)

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S/N 0102-LF-001-3015

2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE THE UNITED STATES S PROJECT NUMBER 4. PROJECT TITLE POLLUTION ABATEMENT PACILITIES VARIOUS CATEGORY PROJECT COST NUMBER PROJECT TITLE/INSTALLATION/LOCATION CODE (\$000) Florida (Continued) 842,10 Water and Sewer Pipelines Separation, P-111 NPWC Pensacola (Continued) the EPA and the State of Florida. This project will provide back-flow

prevention devices, double-check valves, and piping system modifications to eliminate violations of the Florida Department of Environmental Regulation and the Clean Water Act. Without this project, the Navy will continue to have the possibility of water contamination and be in violation of both EPA and the State of Florida. (Current mission.)

Subtotal - Florida

5,440

Maryland

831.10 P-963 Industrial Wastewater Treatment Facilities,
NOS Indian Head

6,400

This station discharges virtually untreated industrial wastewater from a number of explosive and propellant operations into the Mattawoman Creek and Potomac River. The Environmental Protection Agency (EPA) has issued a discharge permit to the Navy, which the station cannot meet. The EPA, the State of Maryland, and the station have signed a compliance agreement for the station to build a treatment plant to meet the permit requirements by April 1993. This project will construct a central industrial wastewater treatment plant and collection system on station. Failure to construct the treatment plant by the compliance agreement date will cause the Navy to be in violation of Federal and State water pollution control laws. (Current mission.)

Subtotal - Maryland

6,400

Total - Pollution Abatement Facilities

17,240

DD 1 050 74 1391c

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55,

UNSPECIFIED MINOR CONSTRUCTION

1. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA										2. 0	ATE
3. INSTALLATION	ND LOC	ATION NAVAL	MAR	INE		4. PR	OJECT	TITL	Æ			
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INSIDE & OUT		•				UNS	PECI	FIER	MINO	R CO	NST	RUCTION
S. PROGRAM ELEM	ENT	T 6, CATEGORY CODE 7, PROJECT NUMBER 8. PROJECT										
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		ITEM					U/M	QUA	NTITY	20		COST (8000)
UNSPECIFIED	MINOR	CONSTRUCTION	• •				LS		-			15,500
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10. DESCRIPTION O	FPROPO	SED CONSTRUCTIO	N									

Unspecified minor construction projects within the concepts of Title 10 USC 2805 not otherwise authorized by law (except family housing) having an approved cost of \$1,000,000 or less, including construction, alteration, or conversion of permanent or temporary facilities.

11. REQUIREMENT: VARIES.

Title 10 USC 2805 provides authority to the Secretary of Defense and the Secretaries of the Military Departments to acquire, construct, extend, alter or install permanent facilities having an approved cost of \$1,000,000 or less not otherwise authorized by law. Included are those items required for which a need cannot reasonably be foreseen nor justified in time to be included in an annual military construction program, but are so urgently required that financing cannot be deferred until legislation in support of a new program is enacted.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO. 558

S/N 6162 LF-601-3910

ARCHITECTURAL & ENGINEERING SERVICES & CONSTRUCTION DESIGN

1. COMPOMENT	FY 1	91 MILITARY CO	NSTRUC	TION F	PROJE	CT DA		ATE		
3. INSTALLATION	ND LOC	ATION NAVAL & MAR	NB	4. PROJ	ECT TIT	LE ARC	HITECTU	RAL		
		s, various locati	ions				G SERVI			
	INSIDE & OUTSIDE UNITED STATES AND CONSTRUCTION PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT									
S. PROGPAM ELEM	ENT	6. CATEGORY CODE	7. PROJEC	T NUMBI	E 77	S. PROJE	CT COST (₹₽\$ 0)		
0901211N		010.00		rious		8	2,499			
		9. CC	ST ESTIMA	res						
		ITEM		U,	M Qu	ANTITY	COST	COST (8000)		
AGE SERVICES TOTAL REQUES		ONSTRUCTION DESIGNATION	·	•	S	-	•	82,499		

Funds to be utilized under Title 10 USC 2807 for architectural and engineering services and construction design in connection with military construction projects including regular program projects, unspecified minor construction, emergency construction, land appraisals, and special projects as directed. Engineering investigations, such as field surveys and foundations exploration, will be undertaken as necessary.

11. REQUIREMENT: VARIES.

All projects in a military construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. Costs for architectural and engineering services and construction design are not included in the construction project cost estimates.

DD 1 DEC 74 1391

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ACCESS ROADS

1. COMPONENT	FY	19 <u>91</u>	MILI	TA	RY C	ON	STF	lUC	TIO	N PR	OJE	CT DA	ΓA	2. D	ATE
3. INSTALLATION	NO LOC	ATION					_		4. PR	OJEC1	TIT	LE		-	-
VARIOUS LOCA	TIONS			•	_				λ	CCES	SR	OADS			
S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PRO.) IEC	T NUI	MBER		e. PROJE	ECT CC	98T (1000)	
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					9. (OST	EST	MA.	TES	,					
		(T	EM							U/M	QU.	ANTITY	CO		COST (9000)
ACCESS ROADS TOTAL REQUES	T	•	• •		•		•		•			i			4,017

Finance: (1) new off-station entrances to Naval activities or new connections between Naval activities; (2) urgently needed improvements of existing highways serving Naval activities; (3) the Federal Government's share of cost of relocating highways severed by expansion or construction of new Naval facilities; (4) alterations to roads near Naval activities to accommodate special military vehicles; and (5) contractor damage to roads serving missile bases. Funds provided will be transferred to the Federal Highway Administration of the Department of Transportation which is responsible under Title 23, USC 210 for assuring proper design and construction of approved work.

11. REQUIREMENT: VARIES.

These funds are required to provide access roads. Access road items are required for construction, improvement, replacement or relocation of public highways necessitated by construction of new or expansion of existing Naval or Marine Corps activities which result in a sudden and significant impact on the adjacent highway system. Such items are also vital for relocation of highways to satisfy airway-highway or explosive-clearance criteria. Highways located within the boundaries of a military reservation are not eligible for financing from these funds. Projects in the regular Federal Aid Primary Systems are not normally considered eligible for financing with these funds (exceptions may occur for cases such as special vehicles, weapons safety, or other extraordinary impact generated by Navy requirements).

DD: FORM 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY

PAGE NO. E & C

PROJECTS \$1 MILLION & UNDER

1. COMPONENT	FY 19.91 MILITARY CO	NSTRUCT	ION PR	DJECT DA		ATE
	AND LOCATION NAVAL AND MA		PROJECT	TITLE		
INSIDE AND O	LATIONS, VARIOUS LOCATION THE UNITED STATES			CS \$1 MIL		
PROGRAM ELEM	ENT 6. CATEGORY CODE	7. PROJECT	NUMBER	a. PROJ	CT COST (8000)
ZADTES	VARIOUS	VARI			13,650	
		TAMETES TO			UNIT	COST
	ITEM		UM	PTITHAUD	COST	(9000)
PROJECTS \$1 PROTECTS	MILLION AND UNDER		. LS	•	-	13,650 13,650
pecified corost of \$1,00	PFROPOSED CONSTRUCTION nstruction projects (exc 00,000 or less. (See in MENT: <u>VARIES</u> . specifically identified	ndividual 	proje	ct descri	ption.)	
a. Est	ENTAL DATA: imated design status: 1 dbook 1190, "Facility P	-	_			. II of
Individual p	roject descriptions fol:	low:				
				•		
			(Co	ntinued o	n DD 13	91 c)

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO. L.

DD: FORM 1391

1

COMPONENT FY 19_91MILITARY CONSTRUCTION PROJECT DATA . INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES S. PROJECT NUMBER 4. PROJECT TITLE **VARIOUS** PROJECTS \$1 MILLION AND UNDER COST PROJECT CATEGORY (\$000) CODE MUMBER PROJECT TITLE/INSTALLATION/LOCATION

Inside the United States

California

171.20 P-888 Weapons School Addition, NAS Lemoore

Special purpose training in classified weapons system assigned to strike fighter squadrons at this activity is scheduled to begin in 1992. Because of the requirements for limited access and a controlled space, there are no facilities available in which to house this type of training. This project constructs an addition to the Light Attack Weapons School to support training in this new weapons system. (New mission.)

218.15 P-074 Battery Shop, NAS Lemoore 420

Adequate facilities are required for repair, servicing, scheduled maintenance, and storage of lead acid and nicad batteries for F/A-18, TA-7C, A-7E, UH-1N, T-39 aircraft and for ground support equipment. With the introduction of the F/A-18 the workload is expected to increase by 30%. The existing battery shop, located in one corner of the overcrowded ground support equipment shop, cannot expand. The current facility will be unable to meet its mission or storage requirements. This project constructs an adequate and properly-configured battery shop. (Current mission.)

213.55 P-235 Asbestos Removal Shop, Long Beach NSY, Long Beach

500

Removal of asbestos insulation from equipment and pipes on ships presently takes place at great risk to the health and a fety of personnel in an adjacent area and to those directly engaged in the asbestos removal. The facilities currently used have an uncontrolled environment and do not meet Environmental Protection Agency (EPA) regulations governing the emission of asbestos fibers. This project modifies and converts a shop facility to provide an efficient, negative pressure facility for an effective asbestos removal shop meeting EPA standards. (Current mission.)

(Continued on DD 1391c)

DD , FORM 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGEND. L SZ

1. COMPONENT FY 19 91MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES S. PROJECT NUMBER 4. PROJECT TITLE VARICUS PROJECTS \$1 MILLION AND UNDER COST CATEGORY PROJECT PROJECT TITLE/INSTALLATION/LOCATION CODE NUMBER (\$000)

California (Continued)

171.20 P-888 Weapons School Addition, NAS Miramar

900

Special purpose training in classified weapons systems assigned to strike fighter squadrons at this activity is scheduled to begin in 1992. Because of the requirements for limited access and a controlled space, there are no facilities available in which to house this type of training. This project constructs an addition to an existing school to support training in this new weapons system. (New mission.)

171.20 P-034 Ap ied Instruction Building Addition, 620 FC:CPAC San Diego

Adequate training facilities are required by the Sensitive Intelligence Training Division. No available facilities exist for this purpose. This project constructs an addition to a training building to accommodate additional personnel and training equipment scheduled for this facility. (Current mission.)

832.40 P-092 Oily Waste System, NSB San Diego

440

An oily waste collection system is required to serve surface vessels and submarines docked at piers. The existing oily waste system piping does not have the capacity to convey the oily waste from surface vessels and submarines docked at the piers. Waste piping under two piers is deteriorated causing frequent leakage into San Diego Bay. The shore-side piping is undersized and cannot handle the required flows. Because of the lack of check valves and deteriorated piping, oily waters are currently pumped into floating oil disposal rafts which can only be filled to less than half full or they will spill into the bay. The wastes are then transported to a treatment facility a mile away. This project is necessary to mitigate discharge of oily wastes into the San Diego Bay in violation of Federal and California statutes. This project provides an oily waste collection system with increased capacity for ships docked at piers and expanded storage at the oily waste pumping station. (Current mission.)

Subtotal - California

3,780

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. E.

50

2. DATE 1. COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES S. PROJECT NUMBER 4. PROJECT TITLE

PROJECTS \$1 MILLION AND UNDER

VARIOUS

CATEGORY PROTECT NUMBER CODE

PROJECT TITLE/INSTALLATION/LOCATION

COST (\$000)

Florida

441.20

P-510

Medical Warehouse Addition, NH Jacksonville

940

Adequate space is needed to accommodate on-base continuing stockpoint operations and storage of medical supplies to properly support the hospital and six outlying clinics. Present on-base medical warehouse space is not sufficient, requiring off-base leasing. This project will construct an addition to the medical warehouse to satisfy medical storage requirements at Jacksonville. (Current mission.)

Subtotal - FLorida

940

Georgia

421.48

P-420

Small Ordnance Magazine, NSB Kings Bay

620

Adequate storage is needed for small ordnance components used with the TRIDENT II missile launcher system. There is insufficient mayazine storage for these small ordnance components, which jeopardizes the refit turn-around schedule for TRIDENT submarines. This will cause patrol time for the OHIO Class submarine to be decreased. This project provides missile small ordnance components storage. (New mission.)

Subtotal - Georgia

620

Illinois

871.10

P-378

Storm Sewer System Improvements, NPWC Great Lakes

700

The installation of approximately five miles of subsurface drain pipe is required to allow subsurface water to be drained off, lowering the static ground water table. A high ground water table in the Camp Porter training area has been the cause of frequent utility outages that interfere with recruit training. Ground water levels are presently above electric and

(Continued on DD 1391c)

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PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

PAGEND. L 4 4

S/N 0103-L7-401 2015

1. COMPONENT

NAVY

2. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE

THE UNITED STATES

4. PROJECT TITLE

PROJECTS \$1 MILLION AND UNDER

VARIOUS

VARIOUS

CATEGORY PROJECT
CODE NUMBER

PROJECT TITLE/INSTALLATION/LOCATION

COST (\$000)

(\$0

Illinois (Continued)

871.10 P-378 Storm Sewer System Improvements, NPWC Great Lakes (Continued)

steam manhole bases and fire hydrant drains. The utility outages and resulting hazards usually occur during rainy weather or when snow is melting because of the inability of the present system to drain away water rapidly. This project will improve the present storm sewer system's ability to drain water. (Current mission.)

Subtotal - Illinois

700

New Mexico

371.15 P-005 Gun Test Range, NOMTF White Sands

600

Adequate facilities for testing new extended range shells for the 16-inch gun to determine ballistic range table accuracy and target performance of munitions before ship deployment. Testing is required in 1991 to ensure timely issue to the fleet. Target sites for performance of ballistic certification and dummy and live round dispersion testing are required at different ranges throughout the performance envelope of the gun. Four dummy target areas and two live munitions impact areas are necessary for complete and reliable range table establishment. Two live munitions impact areas are available within the 16-inch performance parameters but, target areas do not exist for dummy sub-munitions or ballistic round testing provided by this project. (Current mission.)

Subtotal - New Mexico

600

(Continued on DD 1391c)

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UNTIL SYMMETED

PAGE NO.

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1. COMPONENT

FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

2 DATE

NAVY

3. INSTALLATION AND LOCATION

NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE

THE UNITED STATES

S. PROJECT NUMBER

4 PROJECT TITLE

PROJECTS \$1 MILLION AND UNDER

VARIOUS

CATEGORY CODE

PROJECT NIMBER

PROJECT TITLE/INSTALLATION/LOCATION

COST (\$000)

New York

872.10

P-002

Phylical Security Implovements, MCDIST Garden City

440

Unauthorized vehicles and pedestrians can now enter federal property and proceed unimpeded to the guardhouse. Pedestrians can move about the property and approach the guardhouse and main gate unseen. The security perimeter around the entire front area of the Headquarters First Marine Corps District building center must be pushed out to the edge of the property and all vehicles and personnel chacked by members of the guard force prior to entering. This project will relocate a guardhouse, extend security fencing, install security lighting and interior parking lot security walls adjacent to the building's main entrance; block-up six garage loading dock doors and relocate one loading dock facility. (Current mission.)

Subtotal - New York

440

South Carolina

841.40 P-229 Emergency Water Storage Tank, NH Charleston

The hospital requires an emergency source of water for personal consumption and fire protection should the present water supply be cut off. The hospital presently receives all potable and fire protection water from the city. No means of backup or emergency water exists to ensure patient care, safety, and comfort. Recent earthquake and hurricane incidents have revsaled the vulnerability of the potable and fire protection water system of the hospital which is located in Seismic Zone 3. This project will provide a tank for storing water for use in an emergency. (Current mission.)

610,10

P-747

Pay and Personnel Support Office Addition, NS Charleston

Adequate administrative space is required for this activity to handle military pay and transportation functions, and to maintain military (Continued on DD 1391c)

DD . 50RM 1391c

PREVIOUS ENOITIONS MAY BE USED INTERNALLY OBTEUNANT LITRU

PAGE NO.

8-A 0102-LF-301-3016

1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE

THE UNITED STATES A PROJECT TITLE

PROJECTS \$1 MILLION AND UNDER

VARIOUS

& PROJECT NUMBER

PROJECT COST CATEGORY (\$000) CODE NUMBER PROJECT TITLE/INSTALLATION/LOCATION

South Carolina (Continued)

610.10 Pay and Personnel Support Office Addition, P-747 NS Charleston (Continued)

personnel records of shore activities and designated Fleet units at the Naval Base, including submarine off-crews and ships undergoing overhaul at the shippard. These functions are currently located in a portion of the Naval Base headquarters building which is too small for expansion. The crowded conditions have impacted on this activity's ability to manage the workload, causing processing delays in handling personnel and pay records. This project provides additional administrative space by constructing a second floor addition to an existing building. (Current mission.)

841.10 500 P-800 Water Treatment Facility, Charleston NSY, Charleston

The Navy spends millions of dollars annually to repair damage to shipboard steam, condensate, and boiler systems caused by corrosion and scaling. While the Navy has improved shipboard boiler feedwater and condensate system methods, part of the problem is created by impurities in shore steam and feedwater supplied to ships in-port. The shore-to-ship steam presently being produced by the shippard does not meet the Navy's clean-steam criteria. This project provides an improved boiler feedwater and condensate system to ensure compliance with shore-to-ship clean-steam criteria. (Current mission.)

Subtotal - South Carolina

1,550

Virginia

171.20 P-360 Training Materials Storage, NAVPRIBSCOL Little Creek

800

The storage, maintenance, and repair of sit-in model training ships require slip, pier, and work-bay areas that can accommodate all of the models, support boats, and equipment. If these facilities are not

(Continued on DD 1391c)

DD , FORM, 1391c

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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5/4 0100-LF-001-3016

2. DATE . COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA MAVY 3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES S, PROJECT NUMBER 4. PROJECT TITLE PROJECTS \$1 MILLION AND UNDER **VARIOUS** CATEGORY PROJECT COST NUMBER PROJECT TITLE/INSTALLATION/LOCATION (\$000) CODE Virginia (Continued) 171.20 P-360 Training Materials Storage, NAVPHIBSCOL Little Creek (Continued) expanded, support equipment and boats will have to be stored outside the

building in unsecured areas accessible to both military and civilian personnel, exposing them to damage from vandalism. This project enlarges and weatherizes a building to provide storage, maintenance, and repair space for ship handling trainers. (Current mission.)

Subtotal - Virginia

800

Washington

860.40 P-057 Crane Trackage Extension, TRIDENTREFITFAC 910 Bangor

An additional crame rail spur is required to park additional crames and allow remaining cranes full access to main cranz rails. This extension will also be used as a place to do maintenance on cranes. Currently, there are two 56-ton cranes on the Delta Pier. These cranes will be upgraded to 85-ton each and two 25-ton cranes have been purchased. Without sufficient storage space for cranes, crane travel is severely restricted, and maintenance must be performed while the crane is on the main track, disrupting other operations. Portions of the building and the drydock covers prevent easy passage of the cranes. As berthing activities increase, crane use will intensify. The crane rail extension is essential for efficient refit of TRIDENT submarines, enabling the removal of one of four cranes from the main tracks for passage or maintenance. This project provides an additional crane rail spur on Delta Pier. (Current mission.)

Subtotal - Washington

910

Total - Inside the United States

10.340

(Continued on DD 1391c)

DD 1 500 7. 1391c \$/N #162-LF-681-3015

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO. E C

COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES A. PROJECT TITLE PROJECTS \$1 MILLION AND UNDER **VARIOUS** COST CATEGORY PROJECT CODE NUMBER PROJECT TITLE/INSTALLATION/LOCATION (\$000) Outside the United States Japan

> P-001 Fire Protection System, NSGA Hanza, Okinawa

1,000

The operations building at this activity is currently equipped with manual carbon dioxide hose reels, a Halon flooding system, and a carbon dioxide flooding system. Current criteria specifies that such gaseous systems are not a substitute for sprinkler systems. An automatic fire protection system is required to protect high-value electronic equipment where combustible materials are processed or stored in adjacent areas. A pumping station and water storage tank is necessary to boost and maintain adequate water pressure. This project will install an automatic fire protection system, including a water storage tank, pumping station, an appropriate alarm system throughout the operations building. This project includes upgrading fire walls, doors, and corridors to meet the safety code. A bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new or alterations to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when construction is eligible for Japanese Facility Improvement Program (JFIP) funding. (Current mission.)

Subtotal - Japan

843.10

1.000

Puerto Kico

131.55 P-069 Operations Building Addition, NSGA Sabana 810

Documentation and equiment require continual updating to maintain current communications, relay, security, and assistance to the fleet and other communications, relay, security, and assistance to the fleet and other communications, in the area. Constant advancements in signal intelligence (SIGINT) technology and projects with new equipment require additional operational space. Planned installation of SIGINT systems such as SEAMARK, NEWSDEALER, FLAGHOIST, and COBMES will be negatively impacted by the lack of space. Sensitive electronic components require environmentally controlled storage space while awaiting installation. Currently, (Continued on 50 1391c)

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\$/N 0182-LF-401-2018

. COMPONENT Z. DATE FY 19_91 MILITARY CONSTRUCTION PROJECT DATA NAVY NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INCIDE AND OUTSIDE THE UNITED STATES S. PROJECT NUMBER 4. PROJECT TITLE PROJECTS \$1 MILLION AND UNDER **VARIOUS** CATEGORY PROJECT COST PROJECT TITLE/INSTALLATION/LOCATION (\$000) NUMBER CODE

Puerto Rico (Continued)

131.55 P-069 Operations Building Addition, NSGA Sabana Seca (Continued)

the equipment is stored in inadequate space without necessary environmental controls. The extreme heat and humidity levels cause corrosion and deterioration. A central depository for classified technical publications required for mission operations does not exist. This project provides an operations building addition to accommodate new SIGINT equipment installations, controlled humidity storage space for SIGINT equipment, and technical publications handling area and library. Without the additional space provided by this project, mission critical SIGINT operational systems will not have sufficient space for installation and cause serious degradation of operational capability. Costly and environmentally sensitive electronic equipment will continue to sustain damage because of exposure to high temperatures and humidi+ Additionally, without the publications handling area and wasified library, sensitive technical material handling will continue with adverse security risks. (Current mission.)

Subtotal - Puerto Rico

810

United Kingdom

610.10 P-610 Pay and Personnel Support Office, PERSUPPACT London

The pay and personnel source data system is a standard automated information system being installed world-wide to support the operation of personnel support activities. Existing space cannot accommodate the necessary computers and peripheral equipment. This project will provide the space necessary to house this equipment. A bilateral agreement batween the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new or alterations to existing facilities for U.S. requirements shall be the responsibility of the U.S., except when construction is eligible for NATO Common Infrastructure

(Continued on DD 1391c)

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1. COMPONENT FY 19_91 MILITARY CONSTRUCTION PROJECT DATA YVAN 3. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE S. PROJECT NUMBER PROJECTS \$1 MILLION AND UNDER **VARIOUS** CATEGORY PROJECT COST CODE NUMBER PROJECT TITLE/INSTALLATION/LOCATION (\$000) United Kingdom (Continued) 610.10 P-610 Pay and Personnel Support Office, PERSUPPACT London (Continued) funding. Prefinancing under NATO procedures is not planned for this project as it is not wthin an established NATO infrastructure category for common funding, nor is it expected to become eligible. (Current mission.) Subtotal - United Kingdom 500 Total - Outside the United States 2,310 Various Locations 610.10 P-091 Nost Nation Infrastructure Support, 1,000 The host nation support required varies for each individual NATO project. Since the total requirement for each NATO project cannot be determined at the project's inception, these funds will be used to cover non-NATO eligible expenses such as host nation costs, life safety, functional utility/livability, energy, administrative expenses, design support, joint formal acceptance inspection and audit, currency fluctuation losses, and restoration floor. Subtotal - Various Location 1,000 Grand Total - Projects \$1 Million and Under 13,650

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PAGE NO. L 🦫

FAMILY HOUSING

DEPARTMENT OF NAVY MILITARY FAMILY HOUSING INDEX

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DEPARTMENT OF THE NAVY FAMILY HOUSING - FY 1991 BUDGET ESTIMATE AUTHORIZATION FOR APPROPRIATION REQUESTED (\$000)

FUNDING PROGRAM		FY 1991
Construction of New Housing		149,023
Construction Improvements		43,951
A & E Services and Construction Design		1,500
Appropriation Request, Family Housing Constr	ruction	196,474
Operations and Maintenance		614,014
Operating Expense	116,878	
Utilities	183,095	
Maintenance	314,041	
Leasing		66,421
Domestic	39,810	
Foreign	26,611	
Debt Payment		198
Principal	0	_
Interest and Other Expense	0	
Servicemen's Mortonte Insurance Premiums		
for Existing Coverage	198	
Appropriation Request, Family Housing Suppor	<u>:</u>	680,633
Total Family, Housing, Navy, Appropriation F	Request	877,107
Reimbursable Authority Requirements		12,093
Total Family Housing, Department of Navy Pro	ogram	889,200

PROGRAM SUMMARY

(In Thousands)

FY 1991 Program \$889,200 FY 1990 Program \$770,200

Purpose and Scope

This program provides for the support of military family housing functions within the Department of Navy.

Program Summary

Authorization is requested for:

- (1) The performance of certain construction summarized hereafter; and
- (2) The appropriation of \$889,200,000:
 - (4) to fund this construction; and
 - (b) to fund partially certain other functions already authorized in existing legislation.

A summary of the funding program for Fiscal Year 1991 follows (\$000):

Program	Navy	Marine Corps	PON _Total
Construction			
Appropriation Request	180,273	16,201	196,474
Reimhursements			
Total Program	180,273	16,201	196,474
Operations, Wrilities,			
Maintenance and Leasing			
Appropriation Request	571,116	109.319	600 125
Reimbursements	10,393	1,700	680,435
Total Program	581,509	111,019	$\frac{12,093}{692,528}$
Deht Payment			·
Appropriation Request	189	٥	- 00
Reimbursements	704	•	198
Total Program	189		198
Total			
Appropriation Request	751,578	125,524	977 107
Reimhursements	10,393	1,700	877,107
. Total Program	761,971	127,229	12,003
	(VA) 7/ L	141,229	889,200

FH-7 美原 5.7点

Family Housing, Navy and Marine Corps

For expenses of family housing for the Navy and Marine Corps for construction, including acquisition, replacement, addition, expansion, extension and alteration and for operation and maintenance, including debt payment, leasing, minor construction, principal and interest charges, and insurance premiums, as authorized by law, as follows: for Construction, [\$244,181,000] \$127,738,000; for Operation and maintenance, and for debt payment, [\$554,988,000] \$630,545,000; in all [\$799,169,000], \$758,283,000: Provided, That the amount provided for construction shall remain available until September 30, [1993; Provided further, That of this amount, not to exceed \$50,000 shall be available to liquidate obligations incurred for debt payment during fiscal year 1987] 1994.

Further, for the foregoing purposes, as follows: for Construction, \$196,474,000; for Operation and maintenance, and for debt payment, \$680,633,000; in all \$877,107,000, to become available for obligation on October 1, 1990: Provided, That the amount provided for construction shall remain available until September 30, 1995. (10 U.S.C. 2824, 2827-29, 2831, 2851-54, 2857; Military Construction Appropriations Act, 1989; additional authorizing legislation to be proposed.)

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9					90,4	9.43	4.1	1.421	
9	Financing: Underlighted belonce available, start of year; for completion of prior year budget plans Antitions to finance now budget alone	imple, start of year; year being then	00 4 -			616.8-	-1,481		
8						189-1			

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family libusing Construction, Navy Program and Financing (in Inquands of doils:s) f15CAL VEAR 1988

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		Budget Plan (ameunta for FAMILY Obligations HOUSING actions programmed)	Budget P HOUSING	Budget Plen (eneunts for FAMILY HOUSING actions pregreed)	for FAMILY gramed)			Ob! igat lens		
Edward 17 1C.	et les cets	taen. 17 Leatien code 17-1838-8-1-851	1966 actual 1969 eat. 1990 eat. 1998 actual 1969 est, 1990 est. 1991 est.	1969 621.	1990 ast.	1991 441.	1960 anical 1969 est. 1990 est. 1986 anical 1960 est. 1990 est.	1960 est.	.180 086	.146 1661
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	1000	Construction of mor housing.					5. 9 07	25	3,718	
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18.0001	•		7.400				7.44	2.462	3,756	
Ē"	Financings Underligated	mencings Undbilgated belance available, stari of year:								
		for completion of prior year budget plans Available to ficence new budget plans	-A, A00				-13.664	1. 21	-3,754	
24.4082		for completion of prior year budget plans					4.218	3,754		
40.0017	Pudget suther	48.8017 Budget sutherity (Appropriation rescinded) (000'9-	1			-0.60	9 9 9 9 9 9 9		

Featly Housing Construction, Mary Fragram and Financing (in Thousands of Gallers) F15Cal VEAR 1887

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I stent 1 f	Icalien code		1950 actual	1969 411.	1990 001.	1991 081	1984 actual	1989 est.	1968 scius! 1969 est. 1994 est. 1984 sctus! 1969 est. 1966 est. 1961 est.	
	Program by acts	Fragram by activities: Fragram by activities: Fragram by activities:					4		3	96.4
0.0	Post-Acquis	Itten Centruction					15, 261	3.5 -	2 S	==
5.	Jeter I		1		*00.100		62,364		•	\$.138
-	Financing: Unabilizated b	Bacca avenues at the state of t								
21.4062	For complet	21.4062 For completion of prior year budget plans 21.4063 Avellable to finance new hadret misses	66-				-83,362	-20,010	-11,980	-5.136
22.4031	Unebilgated to	elence transferred to other accounts	8				**			
24.4082	for complet	ion of prior year budget plans					20.02	:	S. 136	
39.0001	Budget authority	therity						•	***************************************	,

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Seatly Heusing Construction, Many Program and Fisenting (in Theusenis of Holises) FISCAL VEAR 1988

4 1991 1991

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Budget Plan (enemis for fABILY Obligations NOUSING SCIENS presents)	Budget HOUSEA	Budget Plan (amounts for FABILY HOUSING SCISONS preschand)	S for FABILY		4 5 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	Obligetiens		
Identification code 17-7030-0-1-051		1989 001			1940 ertice 1989 est 1860 est 1861 est			
Program by activities					TARE BELIEF	1969 691.		- 18
01.0101 Construction of new housing								
	PAT OF				91,439	27	5.30	2.675
19.8691 Teta)		***				*		
f Prince (198)	238,386					87.503	19.071	9.878
Weeklighted belonce available, start of year. 21.4882 For completion of prior year business along								
72.4001 Unabilished belonce transferred from other accounts (-) (Instituted belong available, and of years	96-				Ŗ	-123,344	-35.76	-16,0
for completion of prior year budget plans						;		
30.0001 Budget authority	100000000000000000000000000000000000000		· · · · · · · · · · · · · · · · · · ·	***************************************	445.344	35.761	35.761 16.686	7,159
•	P				236,386			
4:.000 Transferred to atter accounts(.)	237.914							•
_	004				79. 404-			
43.8861 Appropriation (adjusted)			200					
	238,356						***********	********

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family Hausing Construction, Mavy Program and Financing (in Thousands of chilors) FISCAL VEAR 1484

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	Budget Plan (amounts for Fabily) (Obligation programmen)	Pudget P	Budget Plan (emounts for FAMILY HOUSING artions programed)	for FABILY gramed)		; ; ; ; ; ; ; ;	Ob114811-		
Identiff		1986 actual 1989 est. 1990 est. 1968 actual 1960 est. 1968 est. 1961 est.	1800 051	1990 881	1991 054.	1960 actual	881	1988 actual 1980 est. 1990 est. 1968 actual 1969 es', 1998 est. 1961 est.	
•	Program by pativities:	· · · · · · · · · · · · · · · · · · ·	1 1 1 1 1 1 1 1 1 1 1	• • • • • • • • • • • • • • • • • • •		• • • • • • • • • • • • • • • • • • •		6 6 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	· · · · · · · · · · · · · · · · · · ·
10.01	Construction of new bousing		106.866				74,14)	79.672	16.78
1920.19	Post-Acquisition Construction		55,000				46.192	6.13	1
1000 : 0	Pipming and design						7,736	707	2
						《香香香香香香香香香香 中国经营保护等等的者 医电影电影医学出现证券 医医医医医医医医医医			
							122.021	Ċ	
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1000		********				有情想是有情情有情情。 医多层医医胃中医医胃炎 医艾耳耳氏医耳耳耳及 医医心性坏死的现在分词 计记录			
	and a magain administration in the contract of		744.181				244.181		

58,

	Paging and Financing Construction, Many Program and Financing (in lineusands of rightlers) (15Ct. Veam 1960)					
	Budget Plan (amounts for FAMILY HOUSING actions programed)			Obi iget lens		
12-000 (1-02)	1988 sclive! 1989 est, 1990 est, (891 est. 1986 sclive) 1968 est 1868	.1991 051.	1996 actual	1960 000		
0.8101 forst pragram: 0.8101 Construction of new housing 81.255 Post-forstillities Construction 01.0301 Planning and dealing	84.652 42.086					*
	000.16 08.5					
Financing: Chacking of Belonce available, start of year; 21.4882 For Compation of prior purer budget plans 22.4882 Model (galed belong a wallable), and of year;	807.701					
		:			63.86	19. 10

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	Britansi y bas assessed	Family Housing Construction, Movy Practal year 1991 Branchas and Cinancias (in Thousands of Gollers) FISCAL YEAR 1991	18CH VEAR 1991						
	Obligations October failty	() () () () () () () () () () () () () (Google Plan (Section for Fullity	for Fallty			Obi igni iems		
			1900 est. 1990 est. 1991 est. 1908 ectuel 1909 est. 1991 est.	1990 451.	1891 691.	1908 actual	1960	1900 cs1. 1900 cst.	
ldent 10									
	Program by activities:				149.023				62,70
					45.951				- 125
900			166,000		196.474				\$6.237
10.000	1 Tetel								
24.4002	Financing: publicated maintenes avaitable, and of years 24,4883 F., campisites at print year bud; at years		655, 68 579, 681						98,237
1000	40 8001 Budget Butherlly (Appropriation)	**************************************							

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Family Housing Construction, Many Program and Thencing in Housinsts of Gollers) Summany

		Budget HRUSIH	Budget Plan (amounts for FABILY Hills Michael programms)	For FABILY		Ob! Iget Ions	Obligations		
-		1988 actual	1969 616	1990 081	1991 est.	1991 est. 1968 actual	1969 641	291 001. 1960 0Ctcs1 1980 007. 1880 000	
	Program by activities: Biret program: Construction of now housing Pesta Acquition Construction Planning and design	192, 666	2,666 185,386 84,652 9,472 55,000 42,068 2,248 7,168	84, 652 47, 086	140.023	146, 783	150,617		127, 646 44, 736 47, 846
	lete!	236,366	244,181	127,730	196.474		4.218	3.	
200	financing. Undeligated belonce continues, start of year; for consistent of prior year budget plans for continues in 1 flower or budget plans for continues in 1 flower or budget plans for continues in 1 flower or budget plans	OCE (6 -				166,783	181.		-122,324
22.5 23.8 8 5	for completion of prior year budget plans for completion of prior year budget plans Unabligated boilance layering	965.1				56.151	173.66	122,124	**.
Ž	39.8881 Budget putherity	229, 156	244,181	127,730	196.474	220 150	244 101		
######################################	Modest authority; Appropriation Appropriatio	237,8-1-4 -9,260 -400 -400	2.4, 181	2.4,181 122,138	104.474	237.914	244,101	*2.73	
2.00	43.000t Appropriation (adjusted)	229, 156	244,181	127,736	196.474	230 355	***		
	Reislan of adjusting to autipy; Religious belone, stort of your Missis belone, stort of your Missis belone, transferral, not Missis belone, and of your Adjustaments in supired accounts					191 145,678 192 193 193 193 193 193 193 193 193 193 193	22.00	222, 536 190, 218 246, 934 246, 934	
	90.0001					139,279	173,616		

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Fmally Heusing Construction, Mavy Object classification (in Deuranis at deliers) Summaly

Sentification code 17-3838-8-1-851		1900 actuel 1907 est. 1900 est. 1901 est.	100	1000 001.	-30
Office stilletions:				. 433	Ĩ
125,663 Centracts 125,664 Giber		ě	2.71	2.5	2
132,861 Land and structur					
189.001 Talat Biract obligations	lations in the second s	3	222.534		177.152
999.981 Total abilgations		100.101	122.530	179.626	177,182

NEW CONSTRUCTION AND IMPROVEMENTS

FAMILY HOUSING - FY 1991 BUDGET ESTIMATE CONSTRUCTION OF NEW HOUSING

(In Thousands)

FY 1991 Program \$149,023 FY 1990 Program \$ 84,652

Purpose and Scope

This program provides for land acquisition, site preparation, acquisition and construction, and initial outfitting with fixtures and integral equipment of new family housing units and associated facilities such as roads, driveways, walks, utility systems, solar energy systems, and community and recreational facilities.

Program Summary

Authorization is requested for:

- (1) Construction of 1,228 units of family housing, three family housing offices, and two community centers, and
 - (2) Appropriation of \$149,023,000 to fund this construction.

B - 6

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1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM NAVY 4. COMMAND 3. INSTALLATION AND LOCATION S. AREA CONSTR MARINE CORPS BASE 1.21 CAMP PENDLETON, CA PERSONNEL STRENGTH: PERMANENT SUPPORTED TOTAL 2169 25591 778 CHECKS COLUMN OFFICER SINCIPPED SIVILIAL a. AS OF 30 SEP 87 778 38634 5338 1991 26515 2197 40634 609 3303 1989 66 3964 0 b. END FY 19 93 7. INVENTORY DATA (9000) . TOTAL ACREAGE. b. INVENTORY TOTAL AS OF 30 SEP 1987 63,700 e. AUTHORIZATION NOT YET IN INVENTORY. B. PROJECTS REQUESTED IN THIS PROGRAM: DESIGN STATUS TART COMPLETE PROJECT TITLE SCOPE 711 112 11,750 Turnkey Family Housing Future Projects: a. Included in following program (FY92) b. Major planned next three years (FY93)(FY94) 320 units 10. Mission or Major Functions: Provide training facilities, logistical support, and certain administrative support for Fleet Marine Force units and other units assigned. Conduct specialized schools and other training as directed to receive and process trainees; and conduct individual combat

DD : PEC 76 1390

training as required.

PREVIOUS EDITIONS MAY SE USED INTERNALLY
UNTIL EXHAUSTED

PAGE NO.

1. COMPONENT 2. DATE NAVY FY 1991_ MILITARY CONSTRUCTION PROJECT DATA 4. PROJECT TITLE MARINE CURPS TA LECATION CAMP PENDLETON, CA FAMILY HOUSING S. PROGRAM ELEMENT S. CATEGORY CODE 7. PROJECT NUMBER S. PROJECT COST (8000) 711 H-890 11,750 9. COST ESTIMATES UNIT ITEM COST QUANTITY FAMILY HOUSING: FA 112 71,679 8,028 **BUILDINGS** SF 142,500 (8,028) 56.34 SOLAR SYSTEM FA 0) SUPPORTING COSTS: 2,579 PAVING & SITE IMPROVEMENTS (1,437) UTILITIES 859 LANDSCAPING 115) RECREATION 97) SPECIAL CONSTRUCTION FEATURES 70) DEMOLITION 0 SUB TOTAL 10,607 CONTINGENCY (5%) 530 TOTAL CONTRACT COST 11,137 SUPERVISION, INSPECTION, & OVERHEAD (5.5%) 613 TOTAL REQUEST 11,750 TOTAL REQUEST (ROUNDED) 11,750

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or prefinished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities. An environmental Assessment has been completed and a FONSI was published on 6/10/88. Special construction features include seismic bracing.

Grade	Bedroom		Project <u>Factor</u>	Unit Cost	No. <u>Units</u>	(\$000) _Total
JEM	3	1200	1.1737	\$48.00	58	3,921
SEM	3	1350	1.1737	\$48.00	54	4,107
					112	8,028

11. REQUIREMENT: 14295 FA ADEQUATE: 11353 FA SUBSTANDARD: 0 FA

<u>Project</u>: Provide 112 adequate family housing units for enlisted personnel. (Current mission.)

Requirement: Adequate family housing for married personnel.

<u>Current Situation</u>: A current deficit of 2,942 adequate housing units exists for enlisted personnel. This deficit is projected to stay at the same level in FY-92. There is an extreme shortage of affordable, suitable housing in the private community for enlisted personnel.

Impact if Not Provided: There will be an adverse impact on the effectiveness

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

5 M 6102 LF 601 3010

1. COMPONENT
NAVY
FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

2. DATE

APPROJECT TITLE
FAMILY HOUSING

2. DATE

2. DATE

2. DATE

3. PROJECT DATA

4. PROJECT TITLE
FAMILY HOUSING

4. PROJECT NUMBER
FAMILY HOUSING

MCB CAMP PENDLETON, CA (Continued)

IMPACT IF NOT PROVIDED: of mission accomplishment and career retention efforts if we do not provide additional housing.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

Family Housing Requirement coordinated with Local School District. Additional educational facilities will not be required.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO. + 55

MILITARY FAMILY HOUS	SUL DAIS	TIFICATI	ON 1.77	ATE OF MEP	915	2. MSCAL V 1991	*****	t control D-A&L(AR)1			
I. DOD COMPONENT NAVY	4. REPORTH	NG INSTALL									
E. DATA AS OF	W07 (D.	_ 41	_	•						
31 January 1988	MCB C	amp Pe	GANG		CALL	ornia	MOJECTED				
REQUIREMENTS AND ASS	*******	19-64	43-11	107AL	getricia tel	69 - 64 (f)	()-()	101AL PA			
6. TOTAL PERSONNEL STRENGTH		3280	18561	18893	40734	3547	20213	21309	45069		
7. PERMANENT PARTY PERSONNEL		3090	16745	16674	36509	3112	14704	17971	35787		
e. GROLL FAMILY HOUSING REQU	mements	2124	11026	4414	17564	2138	9675	4752	16575		
S. TOTAL UNACCEPTABLY HOUSES	(4 + b + d	993	3296	860	5149						
a. MYOLUNTARLY SEPARATED		22	90	184	296	7		# # 			
b. UNACCEPTABLY HOUSED MUTARY ASSETS		0	0	0	0	, , ,					
C. UNACCEPTABLY HOUSED— COMMUNITY ASSETS		971	3206	676	4853	s • a		• • •	- • /		
B. VOLUNTARY SEPARATIONS		27	66	61	154	27	75	67	16		
1. EFFECTIVE HOUSING REQUIREM	inTS	2097	10960	4353	17410	2111	4600	4695	1640		
ADEQUATE HOUSING (+ + 6)		1654	8063	2449	12166	1773	8018	3447	1323		
a. UNDER MILITARY CONTROL		525	3718	26	4269	633	3474	874	498		
(1) * Housed in Existing DOD Owned/Controlled		523	3463	26	4012	633	2978	658	426		
(2) Under Comract/Approve	8					0	496	216	71		
(3) Vacant		2	48	0	50	à-					
(4) Inactica		0	207	0	207						
b PRIVATE HOUSING		1129	4345	2423	7897	1140	4544	2573	825		
(1) Acceptably Housed		1112	4309	2342	7763	1112	4309	2342	776		
(2) Yacant Rental Housing	•	17	36	81	134	28	235	231	49		
IS. EFFECTIVE HOUSING DEFICIT (F	ı - 12)	443	2897	1904	5244	338	1582	1248	316		
14. PROPOSED PROJECT		1.				0	112	0	11		
IS. TOTAL HOUSING ASSETS, MOLE PROPUSED PROJECT, AS PERCEI	iome	a. MMLITA	MIY			30.0	37.4%	18.6	31.		
PROJECTED EPPECTIVE REQUIRE	MENTS	b. ALL H	QUSING			84.0	84.7%	73.47	81.		

16. MMAARS gardymnoster

Line 4: MCB Camp Pendleton, CA, is located approximately 35 miles north of

San Diego and about 100 miles south of Los Angeles; is adjacent to the Pacific

Ocean. The Camp Pendleton boundaries abut the City of San Clemente on the

north, Oceanside and Carlshad on the south, and Vista and Falbrook on the

east. MCB Camp Pendleton's mission is to provide training facilities,

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(Continued on reverse)

16. REMARKS (Continued)

logistical support, and certain administrative support for Fleet Marine Force units and other units assigned; to conduct specialized schools and other training as directed; to receive and process traineds and conduct individual combat training as directed.

Line 12.a.(2): Col. h reflects 268 units included in the FY89 house muonission.

Line 12.h.(2): Cols. e through g reflect anticipated growth in community assets.

Project Composition

112 Enlisted Units

58 3-hedroom JEM 54 3-hedroom SEM

7 26

112 Total Units

. COMPONENT									2. DATE	
YVA	FY 19 91	M11	LITARY	CON	STRU	CTION	PROG	RAM		
. INSTALLATION AN	D LOCATION			1	I. COMN	GNA			S. AREA	CONSTA.
NAVAL STATION									COST	INDEX
LONG BEACH, CA									1.	19
PERSONNEL STRENGTH:			TUDENT		BUPPORT	·				
	211:614			OFFICEA.	-		****	INCATED		TOTAL
. AS OF 31 JAN	88 1400	13331	4835	1	0	0	131	1268	70	22966
b. END FY 19 93	1240	12794	4822	1	0	0	131	1268	0	20256
			7. MYEN							<u> </u>
I. TOTAL ACREAGE D. INVENTORY TOTA E. AUTHORIZATION D. AUTHORIZATION D. AUTHORIZATION D. PLANNED IN NEX D. GRAND TOTAL D. PROJECTS REQUES	ALASOF 36 NOT YET IN REQUESTED INCLUDED I T YHREE PRO CIENCY	O SEP INVENTO IN THIS N FOLLO OGRAM Y	1988 DRY PROGRA WING PR	M					87,406 47,110 24,900 0 27,467 25,004 211,887	
CODE PROJE	CT TITLE				80001		100		DESIGN STA	COMPLETE
11 Family	Housing				300		24,	900 .	^r urnke,	

9. Future Projects:

a. Included in following program (FY92)

None

b. Major planned next three years (FY94)

300 units

10. Mission or Major Functions: NAVSTA Long Beach provides logistic support for the operating forces of the Navy and for dependent activities and other commands as assigned. Services range from providing ships with herths, fuel and water, to providing recreation facilities for military personnel. The Pay and Personnel Administrative Support System Detachment receives, processes, and transfers personnel, both fleet and shore based. NAVSTA Long Beach is also responsible for the Housing Department, Navy Exchange, Commissary Store, Station Housekeeping, waterfront and harbor.

DD : 500% 1390

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PAGE NO. 592

COMPONENT 2. DATE NAVY FY 19.91 MILITARY CONSTRUCTION PROJECT DATA 4. PROJECT TITLE 3. INSTALLATION AND LOCATION NAVAL STATION FAMILY HOUSING LONG BEACH, CA S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER S. PROJECT COST (8000) 24,900 H-614 711

9. COST ESTIMATES COST COST ITEM QUANTITY 53,73 FAMILY HOUSING: 16,121 54.8 294,000 BUILDINGS SF (16,121 SOLAR SYSTEM FA SUPPORTING COSTS: 6.360 PAVING & SITE IMPROVEMENTS 2,869 (2,418 UTILITIES LANDSCAPING 396 RECREATION 193 SPECIAL CONSTRUCTION FEATURES 484 DEMOLITION 0 SUB TOTAL 22 481 CONTINGENCY (5%) 1.12-23,605 TOTAL CONTRACT COST SUPERVISION, INSPECTION, & OVERHEAD (5.5%) 1,298 24,903 TOTAL REQUEST TOTAL REQUEST (ROUNDED) 24,900

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or prefinished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities.

Grade	Bedroom	Net <u>Area</u>	Project <u>Factor</u>	Unit <u>Cost</u>	No. <u>Units</u>	(\$000) _Total
JEM	2	950	1.1424	\$48.00	250	13,023
SEM	2	950	1.1424	\$48.00	. 30	1,563
SEM	3	1350	1.1424	\$48.00	10	740
SEM	4	1450	1.1424	\$48.00	10	795
					300	16,121

11. REQUIREMENT: 4662 FA ADEQUATE: 1999 FA SUBSTANDARD: 254 FA

<u>Project</u>: Provide 300 adequate family housing units for enlisted personnel. This includes the replacement of 254 substandard units. (Current mission.)

Requirement: Adequate family housing for married personnel.

<u>Current Situation</u>: The housing requirement at Long Beach is critical and long-standing. Over 1,500 families are currently waiting 12-18 months for assignment to existing Navy housing. The private comunity in the greater

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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5 4 8102 LF 501 3910

1. COMPONENT NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT DAT	Z. DATE
3. INSTALLATION A NAVAL STATIO LONG BEACH,	N	
4. PROJECT TITLE	5.1	PROJECT NUMBER
FAMILY HOUSE	NG E	1-614

NAVAL STATION, LONG BEACH, CA (Continued)

CURRENT SITUATION: (Continued) Los Angeles/Long Beach area is huge, with a large and diverse housing supply. However, sale housing in this area is among the most expensive in this country, priced beyond the means of enlisted and many officer families.

Rental housing vacancy rates average about 2%. Affordable rentals in downtown Long Beach are old and poorly maintained. Land values are such that the relatively few new rental developments are primarily deluxe units priced beyond the means of military families. Against this backdrop, Section 2736 of Public Law 99-661 authorized the exchange of a portion of the Navy's Savannah Housing area to the City of Long Beach for an adjacent vacant parcel of City-owned land. This housing area features 254 single-story, duplex structures built in 1940. These units are aging, small and obsolete. This project proposes to execute the authorized land exchange and accomplish the replacement of these substandard units. In addition, 46 units will be constructed to help offset the deficit. The navy will benefit in that more land would be gained than would be given up, which is a critical consideration in this area where Government-owned land is scarce. Moreover, substandard units will be removed from the inventory.

IMPACT IF NOT PROVIDED: The Navy will continue to own 254 substandard family housing units. Absent the authority to replace these units, the Navy will continue to operate and maintain these units in order to keep them occupied. Continued operation and maintenance of these units is not conomical compared to replacement. If the Navy is not allowed to enstruct additional units as an offset to the deficit, military members ill be forced to choose between involuntary separation from their families. Accepting housing that is unaffordable or unsuitable. Either choice 'l lead to dissatisfaction with the Navy. Retention will be adversely upacted.

Project design conforms to Part II of Military Handbook 1190, "Facility Plan ing and Design Guide".

Necessary coordination with school district is in progress.

MILITARY FAMILY HOUSING JUSTIFICATION 1. BATE OF REPORT STATE OF REPORT CONTROL SYMBOL 1991 00-ABLIARITIES												
		4 INSTALL										
	MAME				b LOCATIO	*						
31 January 1988	NS Lo	RE Bea	ch		Calif	ornia						
AMALTSIS	7.5	CVM	ENT		TEG							
MIQUINEMENTS AND ASSETS		STATES AND ADDRESS OF THE PARTY	10.00	41-41	19/4	OFFICER (M)	#:# F	(2-61	101AL (M)			
E. TOTAL PERSONNEL STRENGTH		1531	10487	6112	18130	1371	9207	4822	15400			
7. PERMANENT PARTY PERSONNEL		1400	9655	5676	16731	1240	8375	4419	14034			
e. Georg Farmen Housing Seguin	MENTS	917	6161	1213	8291	807	5360	915	7082			
S. TOTAL UNACCEPTABLY HOUSED (112	1926	591	2629	:						
e. MYOLLMTARLY SEPARATED		31	349	158	538			•	1			
b. UNACCEPTABLY HOUSED - MILITARY ASSETS		0	181	73	254				J. 1			
E. UNACCEPTABLY HOUSED— COMMUNITY ASSETS		81	1396	360	1837			S. S. S. S. S. S. S. S. S. S. S. S. S. S	A			
18. WOLUNTARY SEPARATIONS		244	1627	264	2135	215	1415	199	1829			
11. EPPECTIVE HOUSING REQUIREMENTS		673	4534	949	6156	592	3945	716	5253			
18. ADEQUATE HOUSING (+ N)		576	2756	431	3763	573	3320	431	4324			
a. UNDER MILITARY CONTROL		194	1399	0	1593	194	1999	0	2193			
(1) " Housed in Existing DOD Owned/Controlled		176	1364	G	1540	194	1399	0	1593			
(2) Under Contract/Approved				,		Û	600	0	600			
(3) Vacant		18	35	0.	53	*						
(4) Inactive		0	0	0	0							
D PRIVATE HOUSING		382	1357	431	2170	379	1321	431	2131			
(1) Acceptably Housed		379	1321	431	2131	379	1321	431	2131			
(2) Vacant Rental Housing		3	36	0	39	0	0	0	0			
13. EFFECTIVE HOUSING DEFICIT (FF-	12)	97	1778	518	2393	19	62.5	285	929			
14. PROPOSED PROJECT			-3		,	0	300	0	300			
13. TOTAL HOUSING ASSETS, INCLUD	446	a. MILLTA	MY			32.87	58.3%	0.0%	47.5			
PROPOSED PROJECT, AS PERCENTAGE OF PROJECTED EFFECTIVE REQUIREMENTS		D ALL H	OUSING			96.89	91.87	60.2%	88.0			

16. REMARKS (Spenty star runger)

Line 4: The Naval Station, Long Beach, California, provides logistical support to the operating forces of the Navy as well as dependent activities. Services range from providing ships with berthing, fuel, and water to recreational facilities. Naval Station Long Beach is situated approximately two miles west of downtown Long Beach. The community population exceeds two

DD Form 1523, NOV 85

Providud additions are obsolete.

(Continued on reverse)

4 275

16. REMARKS (Continued)

million. The local economy consists primarily of space, missile, and aircraft industries; oil refineries: manufacturing companies: shipwards and steamship companies. Long Beach is one of the husiest ports in the world.

Project Composition

300 Enlisted Units

250 2-bedroom JEM 30 2-bedroom SEM 10 3-bedroom SEM 10 4-bedroom SEM

300 Total Units

R = 1 c

I. COMPONENT FY 19 91 MILITARY CONSTRUCTION PROGRAM NAVY 4. COMMAND 3 INSTALLATION AND LOCATION S AREA CONSTR PACIFIC MISSILE TEST CENTER POINT MIGU, CA 1.18 STRENGTH PRAMANENT SUPPORTED STUDENTE TOTAL Benifen Berrieben Ginirien GFFIEER ENLISTED EH a. AS OF 31 JAN 88 369 7318 2055 104 0 b. END FY 19 93 398 2175 7546 4465 0 7. INVENTORY DATA (8600) b. INVENTORY TOTAL AS CH 30 SEP 1988 E. AUTHORIZATION NOT YET IN INVENTORY. . . 480 d. AUTHORIZATION REQUESTED IN THIS PROGRAM 0 f. PLANNED IN NEXT THREE PROGRAM YEARS 0 8. REMAINING DEFICIENCY 48,425 8. PROJECTS REQUESTED IN THIS PROGRAM: START COMPLETE PROJECT TITLE 90991 5,000 SF 3/90 714-30 Family Housing 480.0 12/90 Office Future Projects: a. Included in following program (FY92) None b. Major planned next three years 10. Mission or Major Functions: PMTC provides research and development, logistics, technical support, and training facilities for Naval weapons systems, and related devices, in support of the fleet and other department of defense agencies.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

97

COMPONENT 2. DATE FY 1921_ MILITARY CONSTRUCTION PROJECT DATA NAVY 4. PROJECT TITLE PACIFIC HISSILE TEST CENTER HOUSING OFFICE POINT MUGU, CA S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (8000) HC-01-87 714-30 480 9. COST ESTIMATES ITEM QUANTITY SF 5,000 80.96 405 HOUSING OFFICE. SUPPORTING FACILITIES LS 29 SUBTOTAL. 433 CONTINGENCY (5%). . 22 TOTAL CONTRACT COST 455 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . 25 480

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a Family Housing Office at Pacific Missile Test Center (PMTC), Point Mugu, California. The new housing office will include space for a briefing room, offices, storage of self-nelp materials and maintenance rooms. Demolition of the inadequate storage building will also be accomplished. This project will impose no dislocation of sevices during the actual construction process.

11. <u>REOUIREMENT</u>: A family housing office which is efficiently designed to provide the best support services to military families in the Point Mugu, California area. (Current mission.)

CURRENT SITUATION: The existing housing office which is over 35 years old and inadequate to meet the requirements of an administrative office and ancillary space. There is little privacy for incoming military members and their families. Meetings, conferences and self-help training is often held in the open office area space. There is no safe and secure space for computer equipment, storage of equipment and office/janitorial supplies. The parking areas are inadequate and, at times, flood. The existing building provides one-half of the office space required to adequately meet the requirements of the family housing staff and their customers.

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PAGENO E S S

1. COMPONENT NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT D	ATA 2. DATE
3. INSTALLATION PACIFIC MISS POINT MUGU,	SILE TEST CENTER	
4. PROJECT TING		S. PROJECT NUMBER
HOUSING OFF	CE	HC-01-87

PACIFIC MISSILE MEST CENTER, POINT MUGU, CA (Continued)

IMPACT IF NOT PROVIDED: The mission of PMTC is to perform development test and evaluation, development support, and follow-on engineering, logistics, and training support for naval weapons, weapons systems, and related devices, and to provide major range, technical, and base support for fleet users and other Department of Defense and government agencies.

In addition, PMIC serves an effective instrument of United States foreign policy by initiating and continuing action programs which promote positive relations between the command and foreign nationals, and which assist individual naval personnel and their families to work effectively, live with dignity and satisfaction, and function as positive representatives of the Navy and the United States.

The Point Mugu Family Housing Office is one of the first points of contact for military members and their families upon assignment to this high tech command. At PMTC military members and their families first impressions of this high tech installation will demise upon viewing this old worn out building. Studies have demonstrated that the condition of shore support facilities impacts retention. Housing office personnel will continue to work in crowded stress related conditions impacting their attitudes and service to military families.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

				•					2. DATE	
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	88 83 84 84 84 85 86 87 86 88 88 88 88 88 88 88 88 88 88 88 88	SET TITLE Housing Jects: ed in fol planned n or Major eit, vese	PERMANEN THE PERMANEN STATE PROGRAM STATE PROGRAM THE PROGRAM TO THE PROG	PERMANENT COLOCATION PERMANENT COLOCATION PERMANENT COLOCATION PERMANENT COLOCATION PERMANENT COLOCATION RESIDENCE COLOCATION COLOCATION PARMANENT COLOCATION PARMANENT COLOCATION PARMANENT COLOCATION PARMANENT COLOCATION COL	PREMANENY STATE OF THE PROGRAM REST OF THE PROGRA	PERMANENT STUDENT SS STA A9797 17780 1360 19525 S448 17364 17775 1517 21670 7. INVENTORY BATA BE IN NOT YET IN INVENTORY INCLUDED IN THIS PROGRAM INCLUDED IN THIS PROGRA	PERMANENT STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STUDENTS THE STATE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE STATE THE STATE STATE	PERMANENT STUDENTS STUDENTS STUDENTS STORES SEE STATE STATE STUDENTS SEE STATE	PREMANENT STUDENTS SUPPORTS CIT OF 15 COUNTS STUDENTS SUPPORTS CIT OF 15 COUNTS STUDENTS SUPPORTS CIT OF 15 COUNTS SUPPORTS 88 8378 89797 17780 1360 19523 0 332 4251 8448 17364 17775 1517 21670 0 386 4588 7. SEVENTORY BATA 69000 I	

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PREVIOUS EDITIONS MAY SE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

COMPONENT 2. DATE FY 19_91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION PUBLIC WORKS CENTER FAMILY HOUSING SAN DIEGO, CA S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER S. PROJECT COST (SOCO) H-815 31.850 711 9. COST ESTIMATES

ITEM	UM	QUANTITY	UNIT	COST (8000)
FAMILY HOUSING:	FA	300	68,95	20,687
BUILDINGS	SF	382,500	54.0	(20,68 7)
SOLAR SYSTEM	FA	ļ i		(0
SUPPORTING COSTS:	l			8,061
PAVING & SITE IMPROVEMENTS				(3,380)
UTILITIES	1			(2,800)
LANDSCAPING	1	j		(1,020
RECREATION	1			(240
SPECIAL CONSTRUCTION FEATURES		Ì		(621
DEMOLITION .		•		(0
SUB TOTAL			1	28,748
CONTINGENCY (5%)	ĺ	ļ		1.437
TOTAL CONTRACT COST]		30,185
SUPERVISION, INSPECTION, & OVERHEAD (5.5%)	ì		1	1.660
TOTAL REQUEST		Ì		1 31,845
TOTAL REQUEST (ROUNDED)		}		31,850
·				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or prefinished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities.

<u>Grade</u>	Bedroom	Net Project Area <u>Factor</u>	Unit <u>Cost</u>	No. <u>Units</u>	(\$000) Total
JEM JEM	3 4	1200 1.1268 1350 1.1268	\$48.00 \$48.00	. 150 150	9,735 10,952
• • • • • • • • • • • • • • • • • • • •	•	2000 1,2000		300	20,687

Project: Construct 300 adequate family housing units for enlisted personnel
(Current mission.)

Requirement: Adequate family housing is needed for married personnel.

Current Situation: The projected family housing deficit at San Diego is the largest in the Navy. The current inventory of 6,098 units satisfies only 15% of the family housing requirement. Despite aggressive Housing Referral Service efforts to maximize the Navy's share of available suitable private assets, there is a huge waiting list for Navy housing of approximately 5,800 families who face average waits of 25-26 months for one and two bedroom units, 14-15 months for three bedroom units, and 10-11 monthes for four and more bedroom units. The most critical need is for two, three, and four

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PAGE NO

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1. COMPONENT
NAVY
FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

2. INSTALLATION AND LOCATION
PUBLIC WORKS CENTER
SAN DIEGO, CA
4. PROJECT TITLE
FAMILY HOUSING

2. DATE

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PUBLIC WORKS CENTER SAN DIEGO, CA (Continued)

CURRENT SITUATION: (Continued) bedroom units for junior enlisted families. Private sector construction of housing in San Diego county has been active over the past several years. Vacancy rates have increased from an average of 3.7% in 1986 to 7%. However, this short period of rapid growth is expected to stabilize. A recently established local anti-growth initiative, Proposition A, requires a vote of the people of San Diego before designated areas of San Diego can be developed. Also, the City of San Diego has recently passed an ordinance limiting residential construction to approximately half as many units as were built in 1986. It is conceivable that other cities in San Diego county may impose similar restrictions. The average sale price in excess of \$146,000 is beyond the reach of most enlisted and junior officer families. Families seeking rental housing face similar problems. Rentals are unaffordable to many enlisted families. Despite the recent growth in residential construction, cost continues to undermine the local community's ability to supply affordable housing to more Navy families.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separation from their families. Such a choice will likely lead to poor morale and dissatisfaction with the Navy. Retention will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

Necessary coordination with school district is in progress.

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PAGE NG 602

MILITARY FAMILY HOUSING JU		ION I	8809	915	2. PISCAL V	{	T CONTROL		
NAVY - NAME	ING INSTALL			D LOCATION	v			-	
31 January 1988 PWC	San Die	20		Calif	rnia				
ANALYSIS		CHAR	INT			MOIL	TED		
REQUIREMENTS AND ASSETS	Grinche Let	19-14	10-0	107AL 107	de relati	89 - 64 (1)	() - () (p)	TOTAL M)	
6. TOTAL PERSONNEL STMENGTH	14281	57789	36581	108651	8930	49962	21693	80585	
7. PERMANENT PARTY PERSONNEL	8806	51267	21138	81211	8911	48725	20798	78434	
S. GROSS FAMILY HOUSING REQUIREMENTS	5860	33258	4781	43899	6022	31798	4532	42352	
9. TOTAL UNACCEPTABLY HOUSEU (e + b + c	854	6553	1747	9154					
a. HYVOLUNITARILY SEPARATED	52	718	370	1140					
b. UNACCEPTABLY HOUSED - MILITARY ASSETS	0	0	0	0					
COMMUNITY ASSETS	802	5835	1377	8014				21.	
16. VOLUNTARY SEPARATIONS	197	2621	960	3778	208	2506	910	362	
11. EFFECTIVE HOUSING REQUIREMENTS	5663	30637	3821	40121	5814	29292	3622	3872	
12. ADEQUATE HOUSING (# + B)	4819	24137	2037	30993	4978	25465	2074	3251	
a UNDER MILITARY CONTROL	565	5533	0	6098	565	6669	0	723	
(1) * Moused in Existing DOD Owned/Contribled	536	5352	0	5888	565	5533	0	609	
(2) Unser Comract.Approved					0	1136	0	113	
(3) Vacant	29	181	0	210					
(4) Inachve	0	0	0	0			-		
PRIVATE HOUSING	4254	18604	2037	24895	4413	18796	2074	2528	
(1) Acceptably Housed	4235	18544	2000	24779	4235	18544	2037	2481	
(2) Vacent Rental Housing	19	60	37	116	178	252	37	46	
15. EFFECTIVE HOUSING DEFICIT (11-12)	844	6500	1784	9128	836	3827	1548	621	
14. PROPOSED PROJECT	0-10				0	300	0	30	
15. TOTAL HOUSING ASSETS, INCLUDING PROPOSED PROJECT, AS PERCENTAGE OF	a. Mut	ARY			9.77	23.8%	0.02	19.	
PROPOSED PROJECT, AS PERCENTAGE OF PROJECTED EFFECTIVE REQUIREMENTS	. 44.	+OUSING			85.62	88.0%	57.32	84.	

Line 4: The Naval Complex centers in the city of San Diego. The Navy Public Works Center provides support for major fleet air, research and development, and parallel support operations to a significant portion of Navy and Marine Corps forces on the West Coast. It is a center of electronic, aircraft, and mission industries. Tourism and major truck and fruit farming also support

DD Form 1523, NOV 85

Previous editions are absolute

(Continued on reverse)

16. REMARKS (Continued)

the area. It is extremely popular as a place of residence for retired military personnel.

Project Composition

300 Enlisted Units

150 3-bedroom JEM 150 4-bedroom JEM

300 TOTAL

1. COMPONENT							_			2. DATE	
NAVY	FY	19 91	MIL	ITARY	CON	STRUC	CTION	PROG	RAM		- 1
3. INSTALLATION A	ND LO	CATION			14	. COMM	AND			S. AREA	CONSTR.
NAVAL STATION		_			- 1				COST INDEX		
NEW YORK, NY					- 1					1.40	
S. PERSONNEL		PE	RMANER	iŤ ,		TUDENT	-	1	UPPORTE	5 7	
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. ASOF 31 JAN	88 7	204	1044	834	1	0	0	1	1	0	2085
b. END FY 19 93	1				i -	1		_		· 1	
5. 4.67. 15 93		52	4945	834	1	0	0	8	120	0	6360
7. INVENTORY DATA (8000) a. TOTAL ACREAGE											
					14:	3	· · · · · ·	• • • • •	• • • • •	_	
b. INVENTORY TOT	NOT	VET 18	SEP	288	•					75,782	1
d. AUTHORIZATION					M		. 			40,390	1
e. AUTHORIZATION										19,600	
1. PLANNED IN NE										0	}
g. REMAINING DEF										0	- 1
h. GRAND TOTAL .				<u> </u>		<u>.</u>				36,575	. 1
h. GRAND TOTAL											
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9. Future Pro	iect	s:							-		
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a. Includ	led i	n fol	lowing	prog	ram (FY92)		None	•		1
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10. Mission											
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AGE NO. C.

1 COMPONENT 2. DATE FY 1921_ MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL STATION FAMILY HOUSING NEW YORK, NY S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (8000) H-801 711 19,600 9. COST ESTIMATES ITEM QUANTITY FAMILY HOUSING: FA 150 83,653 12,548 SF 192,500 BUILDINGS 65.18 (12,548) SOLAR SYSTEM FA 0) SUPPORTING COSTS: 5,142 PAVING & SITE IMPROVEMENTS (2,585) UTILITIES (1,883) LANDSCAPING 210) RECREATION 150 SPECIAL CONSTRUCTION FEATURES 314) DEMOLITION 0) SUB TOTAL 17,690 CONTINGENCY (5%) 885 TOTAL CONTRACT COST SUPERVISION, INSPECTION, & OVERHEAD (5.5%) 18,575 1.022 TOTAL REQUEST 19,597 TOTAL REQUEST (ROUNDED) 19,600

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or prefinished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities.

Grade	Bedroom		Project <u>Factor</u>	Unit <u>Cost</u>	No. <u>Units</u>	(\$000) Total
JEM	2	950	1.3580	\$48,00	. 50	3,096
SEM	4	1450	1.3580	\$48.00	100	9,452
					150	12,548

11. RECUIREMENT: 2275 FA ADEQUATE: 1941 FA SUBSTANDARD: 0 FA

Project: Construct 150 adequate family housing units for enlisted personnel.
(New mission.)

Requirement: Adequate family housing is needed for married personnel

<u>Gurrent Situation</u>: As a result of strategic homeporting, a deficit of housing for enlisted personnel is projected. Construction of the infrastructure for the new homeport has been approved by Congress and is ongoing. The difficulties many families are facing in finding suitable, affordable housing have been well publicized. The strict rent control laws in New York City serve to suppress the availability of rental units, as

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PAGE NO

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1. COMPONENT				
NAVY	FY 19_91_MILITARY CONSTRUCTION PRO	JECT DATA		
NAVAL STATION NEW YORK, NY	N ·			
4. PROJECT TITLE		S. PROJECT NUMBER		
FAMILY HOUSE	NG	H-801		
WATER COAST	w well war was a constant			

NAVAL STATION, NEW YORK, NY (Continued)

CURRENT SITUATION: (Continued) evidenced by the rental vacancy rate of 2%. The increased demand is having a spillover effect in the New Jersey suburbs as well. Those suburbs within the communting area of the Naval Station are unaffordable.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separation from their families or accepting housing that is unaffordable or unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

Necessary coordination with the local school district is being pursued.

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PAGE NO.

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MILITARY FAMILY HOUS	ING JUS	TIFICATI	ON 1.0	414 40 11 4 4088	OAT	2. MSCAL VI 1991		AT CONTROL	
. DOD COMPONENT		MG INSTALLA							
NAVY	MAME			 · ,	B LOCATION	N			
31 January 1988	NS Ne	w York		1	New Yo	nrk			
ANALYSIS			CUARE	INT			PROJEC	CTED	
REQUIREMENTS AND ASS	£75	genega ial	173-144 M	07-11 M	POTAL IS	(marcia) (m)	89 - 64 (M	13-11 10	10744 .04
L TOTAL PERSONNAL STRENGTH		206	960	85	1251	460	2707	390	3557
PERMANENT PARTY PERSONNEL		205	959	85	1249	453	3457	1488	5,398
L. GROSE FAMILY MOUSING MEQUI	***************************************	158	783	25	966	344	2707	390	3441
. TOTAL UNACCEPTABLY HOUSES	3 (0 + 0 + 0)	5	179	14	198				
e. HIVOLUNTARILY SEPARATED	,	3	40	0	43				
b. UNACCEPTABLY HOUSED - MILITARY ASSETS		. 0	0	0	0			<u>د</u>	
COMMUNITY ASSETS		2	139	14	155				•
. VOLUNTARY SEPARATIONS		14	69	1	34	30	238	15	28
1. EPPECTIVE HOUSING REQUIREM	ENTS	144	714	24	882	314	2469	374	315
2. ADEQUATE HOUSING (+ + b)		177	563	10	750	311	2249	42	260
a UNDER MILITARY CONTROL		176	485	0	661	202	1941	υ	214
(1) * Housed in Existing DOD Owned/Controlled		138	457	0	595	176	447	G	62
(2) Under Contract/Approve	4					26	1494	0	152
(3) Vecant		38	28	0	66				
(4) Inactive		0	0	0	0				
b PRIVATE HOUSING		1	78	10	89	109	308	42	45
(1) Acceptably Housed		Ţ	78	10	84	55	78	26	15
(2) Vacant Rental Housing	· ·	0	0	0	0	54	230	16	30
13. EFFECTIVE HOUSING DEFICIT (F	1 - 12)	-33	151	14	132	3	220	332	55
IA. PROPOSED PROJECT						0	150	0	15
IS. VOTAL F : AS ASSETS, MICH. PROPOS DIECT, AS PERCEI	nome	e. MUTA	MY			64.37		0.07	
PROPOS DIECT, AS PERCEI PROPOSA PECTIVE REQUIRE	MINTS	P ALL H	OUSHG			99.0%	97.2%	11.2%	87.

Line 4: The Naval Station, New York, NY, is located on the northeast shore of the City of New York. Its current mission is to provide personnel support for crews while their ships are in overhaul in private shipyards in the New York area. Beginning in 1989, NS New York will become the homeport to a Battleship Surface Action Group (BB-SAG).

00 form 1523, NOV 85

Province address are introduce

(Continued on reverse)

* 40e

16. REMARKS (Continued)

Project Composition

150 Enlisted Units

50 2-hedroom JFM 100 4-bedroom SEM

150 Total Units

1. COMPONENT 2. DATE FY 1991 MILITARY CONSTRUCTION PROGRAM NAVY 3. INSTALLATION AND LOCATION COST INDEX NAVAL AMPHIBIOUS BASE LITTLE CREEK NORFOLK VA & PERSONNEL PERMANENT STRENGTH STUDENTS SUPPORTED TOTAL ---------010112760 a. AS OF 31 JAN 88 1075 9916 | 405 1048 13074 b. END FY 1993 1084 10532 | 426 14034 7. MYENTORY DATA 1900) 9. TOTAL ACREAGE......11, #07..... b. INVENTORY TOTAL AS OF 30 SEP 1988
c. AUTHORIZATION NOT YET IN INVENTORY..... 53,007 d. AUTHORIZATION REQUESTED IN THIS PROGRAM 0 Ô f. PLANNED IN NEXT THREE PROGRAM YEARS 0 2. PROJECTS REQUESTED IN THIS PROGRAM: COMPLETE PROJECT TITLE BCOFE 370.0 - 3/90 12/90 714 Family Housing 4,000 SF Office 9. Future Projects: a. Included in following program (FY92) None b. Major planned next three years None 10. Mission or Major Functions: Provide training facilities, logistical support, and administrative support for Amphibious units and other specialized units within the Fleet. The hase is one of four activities within the Norfolk Waval Complex.

DD : 50AM 1390

PREVIOUS EDITIONS MAY BE USED INTERNALLY
UNTIL EXHAUSTED

PAGE NO.

** 61 ·

1. COMPONENT 2. DATE FY 191_MILITARY CONSTRUCTION PROJECT DATA NAVY A PROJECT TITLE raval amphibious baseon LITTLE CREEK, NORFOLK, VA HOUSING OFFICE S. PROGRAM ELEMENT S. CATEGORY CODE 7. PROJECT NUMBER 8. PROJECT COST (8000) 714-30 HC-02-88 370 S. COST ESTIMATES ITEM QUANTITY HOUSING OFFICE. SF 4,000 80.96 324 LS 10 334 CONTINGENCY (5%). . 17 TOTAL CONTRACT COST . 351 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . 19 370

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construct a housing office building on concrete slab with brick/masonry walls and shingled roof, complete with utilities. Building includes space for offices, conference room, reception/waiting room, child play area, central file room, and administrative storage space. Construction to include fire alarm, sprinkler system, parking, roads, sidewalks, land-scaping and central air conditioning.

11. <u>REQUIREMENT</u>: An adequate housing office is required to support the military personnel and their families located in the Tidewater Naval Base Norfolk area. (Current mission.)

CURRENT SITUATION: The existing housing office, built in 1947, is a converted home located adjacent to the main base entrance, Gate 5. The office spaces used for housing and housing referral services are extremely overcrowded. Parking at the building is severely limited with no land available for expansion. The building is scheduled to be demolished to make way for expansion of the Naval Base pass office building.

IMPACT 'F NOT PROVIDED: Housing management and referral services will continue to be provided under overcrowded and adverse conditions. In addition, upon construction of the new Pass Office, the present facility must be vacated. There will be no housing office to service the needs of military personnel and their families in the Tidawater Naval Base Norfolk area.

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PAGE NO

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CUMPONENT	FY 19 91 MILITARY CONSTRUCTION PR	OJECT DATA
NAVY		OJECI DATA
NAVAL AMPHIE	IOUS BASE	
PROJECT TITLE	, NORFOLK, VA	IS. PROJECT NUMBER
OUSING OFFI	CF	RC-02-88
AVAL AMPHIE	IOUS BASE, LITTLE CREEK, NORFOLK, VA (Continued)
roject desi	gn conforms to Part II of Military Han Design Guide".	dbook 1190, "Facility
rentifing end	besign office .	
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PAGE NO. 612

	F	نو19 Y	MII	LITARY	CON	STRUC	TION	PROGI	MAF	2. DATE	•
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ORPOLK V					,				UPPORTE	يموسيلي	92
PERSONREL STRENGTH.	;	517:518	MANE	envision.		TUBBUT		40.00	OPPORTE.	envision.	TOTAL
. AS OF 31	JAN 88			26537				609	3483		125118
. END FY 18	93	9115	75201	26836	1018	5300		631	3792	1	121899
				7. MYER	TORY	DATA OF	100)				
										830	
e. AUTHORIZ f. PLANNED I e. REMAINING h. GRAND TO	ATION INC N NEXT TI DEFICIE TAL	HREE PR	IN FOLLO	WING PR	OGRAN	f 			• • • • • • • • • • • • • • • • • • • •	0 41,713 0	
e. AUTHORIZ f. PLANNED I e. REMAINING	ATION INC N NEXT TI DEFICIE TAL	HREE PRINCY	IN FOLLO	WING PR	OGRAN	f 			· · · · · · · · · · · · · · · · · · ·	0 41,713 0	
P. AUTHORIZ. F. PLANNED I F. REMAINING F. GRAND TO F. PROJECTS R CATEGORY COOR F. T14 Fai	ATION INC N NEXT TO DEFICIE TAL	HREE PRINCY D IN THE	IN FOLLS	WING PR	OGRAN			co	· · · · · · · · · · · · · · · · · · ·	0 41,713 0 58,519	<u> </u>

a. Future Projects:

- a. Included in following program (FY92) None b. Major planned next three years (FY93, FY94) 600 Units

10. Mission or Major Functions: PWC Norfolk provides public works, utilities, family housing, transportation support, engineering services, shore facilities planning support, and all other logistic support of a publics works nature for operating forces in the Sewells Point Complex.

DD : 500 1390 5/10 0100-LP-001-3001

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

. COMPONENT FY 1991 MILITARY CONSTRUCTION PROJECT DATA NAVY 4. PROJECT TITLE PUBLIC WORKS CENTER TION NORFOLK, VA COMMUNITY CENTER S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER S. PROJECT COST (8606) 714-32 HC-50-79 415 COST COST ITEM 4 QUANTITY SF 5,000 67.16 336 COMMUNITY CENTER. . SUPPORTING FACILITIES & DEMOLITION. . . . 38 LS 374 CONTINGENCY (5%).......
TOTAL CONTRACT COST 19 393 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . 22 415

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Construction consists of demolition, site preparation, foundation interior and exterior walls, heating, air conditioning, electrical, built-up roofing, plumbing, lighting, sidewalks and parking.

11. <u>REOUIREMENT</u>: This project will demolish an existing old warehouse and construct a 5,000 square foot Community Center. The South Annex of the Naval Base Complex is comprised of approximately 4,850 personnel and dependents and does not have an adequate community center which will meet Navy fire and sanitary standards. (Current mission.)

<u>CURRENT SITUATION</u>: A converted warehouse is presently being used as a community center and cannot meet the needs generated by the South Annex Complex. The overall condition of the building is totally inadequate. The building does not meet current fire and sanitary standards.

IMPACT IF NOT PROVIDED: The South Annex Complexes will continue to lack facilities to support community social and recreational functions. This will continue to have an adverse effect on the moral and welfare of Navy housing occupants.

Project Design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide."

DD: 600 1391

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

· ¥: 414

1. COMPONENT 2. DATE FY 191_ MILITARY CONSTRUCTION PROJECT DATA NAVY PUBLIC WORKS CENTERTION A PROJECT TITLE NORFOLK, VA COMMUNITY CENTER S. PROGRAM ELEMENT E. CATEGORY CODE 7. PROJECT NUMBER S. PROJECT COST (8000) 714-32 415 HC-20-84 9. COST ESTIMATES ITEM UM QUANTITY COMMUNITY CENTER. . SF 5,000 67.16 336 SUPPORTING FACILITIES & DEMOLITION. LS 38 SUBTOTAL. . . 374 19 393 SUPERVISION, INSPECTION & OVERHEAD (5.5%) . 22 415

This project constructs a one story building on concrete slab with insulation, brick veneer, metal roof deck with built-up roofing over rigid insulation, heating, air conditioning, fire alarm and telephone systems.

11. REOUTREMENT: This project will construct a 5,000 square foot Community Center. The Carper Housing area is comprised of 576 four bedroom and 24 five bedroom townhouse units providing housing for enlisted rates E-4 and above. There are approximately 3,600 occupants of which 2,400 are young people. Carper is a high density housing complex not located near any other military activity or base and is several miles from the nearest military support facilties. Is is completely surrounded by civilian community housing, apartments, and subdivisions. This housing complex desperately needs a community center to accommodate the social, cultural, and physical activities of its residents. (Current mission.)

<u>CURRENT SITUATION</u>: No community center exists in the Carper Housing area. Access to the few civilian facilities in the vicinity by the Carper youth is <u>frustrated</u> by the lack of public transportation. A serious safety hazard for pedestrian traffic exists because the perimeter roadway servicing the complex is highly traveled and has no sidewalks.

DD: 508M 1391

10. DESCRIPTION OF PROPOSED CONSTRUCTION

PREVIOUS EDITIONS MAY BE USED INTERNALLY

. PAGE NO

415

1. COMPONENT NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
3. INSTALLATION A PUBLIC WORKS NORFOLK, VA	CENTER	
4. PROJECT TITLE	a. PAO	JECT NUMBER
COMMUNITY CE	NTER HC-	21-84

PUBLIC WORKS CENTER, NORFOLK, VA (Continued)

IMPACT IF NOT PROVIDED: An adequate community center will not be available to the residents of this housing complex. Occupant frustration and sense of isolation will continue to grow. The already existing high rate of theft, vandalism and associated problems can be expected to increase resulting in a lower quality of life for our Navy tenants.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

·* 616

1. COMPONENT 2. DATE FY 19_91_MILITARY CONSTRUCTION PROGRAM NAVAL AIR STATION BERMUDA, WEST INDIES PERMANENT STUDENTS SUPPORTED TOTAL C114018 ENLISTED CIVIL --------. AS OF 31 JAN 88 885 138 505 1785 75 182 0 0 0 0 0 0 0 182 184 627 2021 b. END FY 19 93 7. MYENTORY DATA (9600) b. INVENTORY TOTAL AS OF 30 SEP 1988 c. AUTHORIZATION NOT YET IN INVENTORY.................. 0 f. PLANNED IN NEXT THREE PROGRAM YEARS 0 h. GRAND TOTAL B. PROJECTS REQUESTED IN THIS PROGRAM: DESIGN STATUS START COMPLETE CATEGORY . PROJECT TITLE 90001 Family Housing 2,300 SF 3/90 12/90 714 Office 9. Future Projects: a. Included in following program (FY92) None None h. Major planned next three years 10. Mission or Major Functions: Maintain and operate facilities; provide services and materials to support aviation operations and operating forces from other activities and units; and provide emergency services to ships and aircraft in the South Atlantic.

DD 1 DEC 76 1390

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO.

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1. COMPONENT NAVY	FY 1	991_MILITARY CO	TA 2.	DATE			
3 NAVAL XIKOSI BERMUDA, WI	APION	ATION		4. PROJECT	TITLE HOUSING O	FFICE	
5. PROGRAM ELEM	ENT	6. CATEGORY CODE 714-30	7. PROJEC	T NUMBER 0-88	8. PROJ	374	(\$000)
		9. 63	ST ESTIMA	res			
		ITEM		UM	QUANTITY	COST	COST (\$600)
TOTAL REQUES	ACILIT (5%). CT COS INSPE	CIES	(5.5%)	. SF LS	2,300	141.68	326 12 338 17 355 19 374

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Single story structure with slab on grade. Complete with Bermuda style roof suitable for water catchment. The facility will require all utilities including air conditioning, a fire protection and detection system, parking, access road, sidewalks, landscaping, and site lighting.

11. <u>REOUIREMENT</u>: Adequate facility to provide professional housing services to the military families stationd a NAS Bermuda. The office not only assigns military quarters, but serves as a housing referral office as well. (Current mission.)

CURRENT SITUATION: The housing Office is operated out of the basement of a 40 year old transient air crew barracks. It is contained in 685 square feet of space which barely affords enough room to talk to one person, let alone a family. This is one of the first impressions a family has of life in housing at NAS Bermuda. Housing maintenance is performed by contract and requires a lot of communication between the housing office and the occupants. If more than one person needs to be addressed, for example during the recent massive hurricane repairs, an alternate conference area must be used. All administrative functions from inspection of the housing maintenance contracts to housing referral are performed at this office. There are approximately 1,500 families serviced by this office per year.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

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1. COMPONENT NAVY	FY 19_91_MILITARY CONSTRUCTION PROJECT DA	Z. DATE
3. INSTALLATION : NAVAL AIR ST BERMUDA, WES	ATION	
4. PROJECT TITLE		. PROJECT NUMBER
HOUSING OFFI	CE (HC-10-88

NAVAL AIR STATION, BERMUDA, WEST INDIES (Continued)

IMPACT IF NOT PROVIDED: The Housing Office will continue to provide limited services to military families housed at NAS Bermuda out of the basement of the transient aquadron barracks. This will inhibit the ability of the Housing Office to provide a positive first impression of life in Bermuda, and adversely impact on morale.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGENO, 619

1. COMPONENT	FY 19.91 MILITARY CONSTRUCTION PROGRAM								2. DATE		
NAVY	FY 19.2	MII	LITARY	CON	STRUC	TION	PROG	RAM			
3. INSTALLATION AN	D LOCATION	Į.		1	I. COMM	AND			S. AMEA	CONSTR.	
NAVAL STATION				- 1					COST	INDEX	
Guantanamo bay	, CUBA]		_			1.6	1	
6. PERSONNEL STRENGTH:	P	ERMANE	VT .	8	TUDENT	3		UPPORTE			
*	611:618		GIAIFIUM	9471EUA	-		OPP-EER	enistes	Civilian.	TOTAL	
a. AS OF 31 JAN	88 206	2295	406	0	ū	0	100	669	0	3676	
b. END FY 13 93	203	2438	406	0	0	0	100	669	0	3816	
	7. INVENTORY DATA (B000)										
D. TOTAL ACREAGE				8,817							
b. INVENTORY TOT	AL AS OF 30	SEP 1	L988						99,044		
c. AUTHORIZATION	NOT YET IN	INVENT	DRY					1	12,430		
d. AUTHORIZATION									31,669		
. AUTHORIZATION	INCLUDED	N FOLL	WING PR	OGRAM) .				0		
f. PLANNED IN NEX	T THREE PR	OGRAM Y	TEARS .		<i>.</i>				L5,873		
9. REMAINING DEF									936		
h. GRAND TOTAL .	<u></u>		<u> </u>					\dots 1°	59,952		
a. PROJECTS REQUE	STED IN THI	PROGR	AM:								
CATEGORY .							co		DESIGN STA	TUS	
	CT TITLE				score		1841		ART	COMPLETE	
711 Family	Housing				254		31,6	169 T	ırnkev		
	.000.1118				-54		74,1	,,,	Tr tive's		
9. Future Pro	jects:										
	ed in fol planned n					ı	None 100	units			
10. Mission o											
forces of the	Navy, dep	endent	activ	/ities	and	other	COMM	ends as	assign	ed.	
					•			•			
										•	
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		REVIOUS									

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COMPONENT 2. DATE FY 191_ MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL STATION FAMILY HOUSING GUANTANAMO BAY, CUBA S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (BODD) 711 H-803 31,669

um	QUANTITY	COST	COST (\$000)
FA	254	81,098	20,599
SF	261,100	78.89	(20,599)
FA]	} .	(0)
1		1	7,990
ļ		1	(3,873)
ł]	(3,296)
	l		(237)
1			(247)
		}	(337)
			28,589
ì	į.	1	1,429
	1		30,018
}]		1.651
1			. 31,669
-	İ	1	•
1	ł]	
1	ļ		
	FA SF	FA 254 SF 261,100	FA 254 81,098 SF 261,100 78.89

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Two story family housing units; wood frame or masonry with stucco or prefinished siding, covered parking, patios, exterior storage, privacy fencing and recreational facilities.

			-			
Grade	Bedroom	Net <u>Area</u>	Project <u>Factor</u>	Unit <u>Cost</u>	No. <u>Units</u>	(\$000) _Total
JEM	2	950	1.5778	\$50.00	192	14,390
JEM	3	1200	1.5778	\$50.00	` 40	3,787
JEM	4	1350	1.5778	\$50.00	12	1,278
SEM	4	1450	1.5778	\$50.00	10	1,144
					254	20,599

11. REQUIREMENTS: 1293 FA ADEQUATE: 995 FA SUBSTANDARD: 0 FA

<u>Project</u>: Construct 254 adequate family housing units for officer and personnel. (Current mission.)

Requirement: Adequate on-base family housing is needed for married personnel at this remote overseas location.

<u>Current Situation</u>: The Naval Station, Guantanamo Bay, is the only military installation located in a communist country. As such, all personnel must

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

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1. COMPONENT
NAVY
FY 19_91_MILITARY CONSTRUCTION PROJECT DATA

2. DATE

3. INSTALLATION AND LOCATION
NAVAL STATION
GUANTANAMO BAY, CUBA
4. PROJECT TITLE
FAMILY HOUSING

2. DATE

4. PROJECT DATA

4. PROJECT NUMBER
H-803

NAVAL STATION, GUANTANAMO BAY, CUBA (Continued)

CURRENT SITUATION: (Continued) live on-base. Dependent entry approval, contingent on the availability of government quarters, is required before a military member can be accompanied by dependents. Involuntary separation is detrimental to morale. Construction of additional government quarters will reduce the wait for housing.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separation from their families or accepting housing that is unaffordable or unsuitable. Either choice will likely lead to poor morale and dissatisfaction with the Navy. Retention will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

Bilateral agreement between the U.S. and the host nation covering U.S. presence for military purposes provides that construction of new, or alteration of existing, facilities for U.S. requirements shall be the responsibility of the U.S.

MILITARY FAMILY HOUS	ING JUS	TIFICAT	ION 1.0	8809	-	1. NGCAL VI		AT CONTROL	
		ME MISTALL	ATION						
	a MARK				P LOCATIO	N			
31 January 1988	ME Con-	ntanam			Cuba				
AMALYMA	NO VIUE	n canan		ENT	CUDA		PROJE	CTED	
01			10.44	42-41	1954	erres I	49-44	0.0	1914
RE(ACRITS AND ASSI	173	-		14	10	-		W	3
& TOTAL PERSONNEL STRENGTH		430	2289	725	3444	477	2429	678	3584
7. PERMANENT PARTY PERSONNEL	,	330	1837	509	2676	413	2063 -	462	2938
E. GROSS FAMILY HOUSING REQUI	MANAGENTS	293	1466	90	1849	344	1634	74	2052
9. TOTAL UMACCEPTABLY HOUSED	6+6+d	0	273	40	313				
A. HINGLUNTARLY SEPARATED		0	273	40	313				7.00
		0	-	-	1 0		, Mg		3
b. UNACCEPTABLY HOUSED - MILITARY ASSETS	1	١ '	٧. ا	°	"				4
C. UNACCEPTABLY HOUSED - COMMUNITY ASSETS		0	0	0	0		,		
W. VOLUNTARY SIPARATIONS		49	310	50	409	51	341	41	433
1. EPPECTIVE HOUSING REQUIREMS	INTS	244	1156	40	1440	293	1293	33	1619
2. ADEQUATE HOUSING (+ + M)		244	884	0	1128	258	995	0	1253
a. UNDER MILITARY CONTROL		244	884	0	1128	258	995	0	1253
(1) ' Housed in Emissing DOD Owned/Controlled		244	884	0	1128	244	894	0	1128
(2) Under Contract/Approved		,				14	111	0	125
(S) Vacant		0	0	0	0	6			
(4) inactive		0	0	. 0	0				
b. FRIVATE HOUSING		0	0	0	0	0	0	0	0
(1) Acceptably Housed		0	0	0	0	0	0	. 0	0
(2) Vacant Rental Housing		0	0	0	0	0	0	0	0
13. EFFECTIVE HOUSING DEFICIT (7)	I - 12)	0	.272	40	312	35	298	- 33	366
IA. PROPOSED PROJECT						0	254	. 0	254
IS. TOTAL HOUSING ASSETS, INCLU	/DING	a. MMLIT	ARY			88.12	96.63	0.0%	93.1
PROPOSED PROJECT, AS PERCEN PROJECTED EFFECTIVE REQUIRES	MTAGE OF		HOUSING			88.13	96.6%	0.0%	93.1

Line 4: The Naval Complex, Guantanamo Bay, Cuba, is strategically located on the southeast tip of the island of Cuba. It is the only U.S. military base situated in a communist country. U.S. personnel are not permitted to exit the confines of the base either to visit or to reside in the private community. The base is totally self-sufficient, including the provision of all utilities.

DD Form 1523, NOV 85

Province advants are absolute

(Continued on reverse)

\$ 425.

16. REMARKS (Continued)

Project Composition

254 Enlisted Units

192 2-bedroom JEM 40 3-bedroom JEM 12 4-bedroom JEM 10 4-bedroom SEM

254 Total Units

. COMPONENT FY 19 91 MILITARY CONSTRUCTION PROGRAM 3. INSTALLATION AND LOCATION AREA CONSTR NAVAL AIR STATION KEFLAVIK, ICELAND 2.80 TOTAL s. ASOF 31 JAN 88 b. END FY 19 93 304 2769 3646 b. INVENTORY TOTAL AS OF 30 SEP 1988 E. AUTHORIZATION NOT YET IN INVENTORY.... 71,454 27,200 d. AUTHORIZATION REQUESTED IN THIS PROGRAM 30,611 . AUTHORIZATION INCLUDED IN FOLLOWING PROGRAM 1. PLANNED IN NEXT THREE PROGRAM YEARS 240,399 h. GRAND TOTAL S. PROJECTS REQUESTED IN THIS PROGRAM 943 44 1747V6 69 ---90991 C000-L178 112 27,200 Turnkey 711 Family Housing Future Projects: a. Included in following program (FY92) 108 units h. Major planned next three years None 10. Mission or Major Functions: U.S. Naval Station, Kaflavik provides administration and logistic support to thirty-two tenant commands in Iceland. These include Commander Iceland Defense Force, Commander Fleet Air Keflavik, Commander Air Forces Iceland, N.S. Naval Facility 57th Fighter Interceptor Squadron; and the 960th AWACS.

DD : 500% 1390

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NAVY	FY 191_ MILITARY CONSTRUCTION PROJECT DATA						
NAVAL AIR STATE	0%	4. PROJECT T	NY HOUSING				
KEFLAVIK, ICELA 8. PROGRAM ELEMENT	4. CATEGORY CODE	7. PROJECT NUMBER	8. PROJECT COST (8600)				
	711	H-812	27,200				

9. COST SSTIMATES							
ITEM	UAN	QUANTITY	UNIT COST	COST 180001			
FAMILY HOUSING:	FA	112	65,929	18,584			
BUILDINGS	SF	135,450	137.20	(18,584)			
SOLAR SYSTEM	FA			(0)			
SUPPORTING COSTS:	į		1	6,000			
PAVING & SITE IMPROVEMENTS	1	1	1	(2,676)			
UTILITIES	1	l	j	(2,694)			
LANDSCAPING	1			(260 \			
RECREATION	1	Ì		(186)			
SPECIAL CONSTRUCTION FEATURES	1		1	(184)			
DEMOLITION ·				(0 }			
SUB TOTAL	- 1	ŀ	İ	24,584			
CONTINGENCY (5%)	ı	i	Ì.	1.229			
TOTAL CONTRACT COST	- 1	ł	}	25,813			
SUPERVISION, INSPECTION, & OVERHEAD (5.5%)	1			1.420			
TOTAL REQUEST	1			27,233			
TOTAL REQUEST (ROUNDED)	İ	i		27,200			
	-	1	1				
	,	l	į –				

10. DESCRIPTION OF PROPOSED CONSTRUCTION

Three story family housing buildings; precast concrete structures with bulk storage areas, balconies, indoor common recreation area and geothermal space heating systems. Cost of shipping U.S. precasting system included in \$/NSF. Special construction cost required for removal of bedrock.

Grade	Bedroom	Net <u>Area</u>	Project Factor	Unit <u>Cost</u>	No. <u>Units</u>	(\$000) Total
JEM	2	950	2.7440	\$50.00	22	2,867
SEM	2	950	2.7440	\$50.00	` 4	521
JEM	3	1200	2.7440	\$50.00	18	2,96-
SEM	3	1350	2.7440	\$50.00	31	5,743
CGO	2	950	2.7440	\$50.00	12	1,564
CGO	3	1350	2.7440	\$50.00	4	741
CGO	4	1450	2.7440	\$50.00	4	796
FG0	3	1400	2,7440	\$50.00	11	2,113
FGO	4	1550	2.7440	\$50.00	6	1,276
					112	18,584

11. REQUIREMENT: 1647 FA ADEQUATE: 1277 FA SUBSTANDARD: 0 FA

<u>Project</u>: Construct 112 adequate family housing units for officer and enlisted personnel. (Current mission.)

DD : 500% 1391 5 * 9102 L* 681 3919

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO 37 626

1. COMPONENT
NAVY

1. INSTALLATION AND LOCATION
NAVAL AIR STATION
KEFLAVIK, ICELAND

4. PROJECT TITLE
FAMILY HOUSING

2. DATE
2. DATE
4. PROJECT NUMBER
H-812

NAVAL AIR STATION, KEFLAVIK, IC (Continued)

REQUIREMENT: Adequate family housing is needed for married personnel at this remote overseas location.

CURRENT SITUATION: Under the terms of the 1974 Memorandum of Understanding between the Government of Iceland and the U.S. Government, all military sponsored families and unaccompanied personnel are required to live on-case. No community support is therefore available. The Navy is responsible for providing housing support for all Navy and Air Force personnel stationed at Keflavik. The proposed construction is in support of a joint Navy/Air Force requirement. Dependent entry approval is required and is contingent upon housing availability. Due to increases in unaccompanied tour lengths from 12 to 18 months, there is increased incentive for members to elect accompanied tours to avoid prolonged separated from their families. Without available housing, they remain involuntarily separated while awaiting assignment to government quarters. Currently enlisted personnel face an eight to ten month wait for government quarters.

IMPACT IF NOT PROVIDED: Military members will be forced to choose between involuntary separation from their families. Such a choice will likely lead to poor morale and dissatisfaction with the Navy. Retention will be adversely impacted.

Project design conforms to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

NATO funding is not applicable to this project because it is not in a category eligible for NATO common funding.

Bilateral agreement of 1951 covering the U.S. presence in Iceland for defense purposes provides for U.S. unilateral construction of support facilities, other than those eligible for NATO common funding.

NAVY							, *		
NAVY DATA AS OF 31 JADUARY 1988 ANALYSIS REQUIREMENTS AND ASSETS D. POTAL PRESENTEL STRINGEN D. CROOS PARKLY HOLDING REQUIRE D. TOTAL MINICIPARALY HOLDING D. TOTAL MINICIPARALY H	IG AUS	THICATI	ON III	AROS		3. MICAL	MPG	it control	STANOA.
AMALY AS OF 31 JADUARY 1988 AMALY IN AMALY IN ASSETS A TOTAL PROGRAMM, STRINGEN P. PERMANENT PARTY PERSONNEL B. GROSS PARKLY HOLIERS SEQUENCE A. TOTAL MINISCEPTION WOULDED SO	ASPORTING	4 miltau	Trans.		a LOCATIO				
ANALYTIC COMMUNICATE AND ASSETS L. TOTAL PROSPERIOL STREETS T. PERMANENT PARTY PROSPERIOL L. CONSES PARTLY HOUSENE COMPUNIC L. TOTAL MINACESPTARLY HOUSED (c.	-				- want	-			
CONTRACTOR AND ASSETTS D. POTAL PRODUCTOR STREETS P. PRIMARIEST PARTY PRODUCTOR C. CORDE PARTY INDUSTRIES ENGINEE D. TOTAL MINACESTARY WOURD IN	YAS K	ELAYI		m†	بملعمت	ــــــــــــــــــــــــــــــــــــــ	PROJEC	710	
P. PERMANEUT PARTY PERSONNEL B. GROSS PARILY HENGERS ENGINEER B. TOTAL MINICIPARILY HENGES 40	,	-	10 · 0	41-11	-	81	id-to	41-01	10/4
P. PERMANEUT PARTY PERSONNEL B. GROSS PARILY HENGERS ENGINEER B. TOTAL MINICIPARILY HENGES 40		582	2519	719	3820	419	2487	627	3533
E. CORRES PANNEY HOUSING ENGANGE.		413	2227	600	3240	417	2244	525	3533 3186
A. TOTAL WIACCOPTAILY HOUSED IN		385	1690	126	2201	308	1654	97	2059
						300	7024	• • • • • • • • • • • • • • • • • • • •	2034
A MYCLANTAGELY SEPARATED	***	33	627	79	739				
		33	627	79	739				
b unacceptably housen— Mutary assets		0	0	0	0				
COMMUNITY ASSETS		0	0	0	0				
A VOLUNTARY SEPARATIONS		60	315	47	431	67	309	36	412
1. SPECTIVE HOUSING MEQUINIMENT	,	316	1375	79	1770	241	1945	61	1647
2. ABEQUATE HOUSING IN + M		160	755	0	915	157	1170	0	1277
. UNDER MILITARY CONTROL		160	755	0	915	157	1120	0	1277
(1) ' Housed in Emissing DOO Owned Considered		159	748	0	907	157	75M	0	915
(2) Under Comract-Approved						0	36?	0	362
(S) Vacant		1	7	0	Я	1 3			
(4) therine		0	Û	0	0				
& PRIVATE HOUSING		0	Ú	0	0	0	0	0	0
(1) Acceptably nautos		0	0	0	0	0	ن	0	C
(2) Vacant Rental Housing		0	0	0	0	0	0	0	0
L SPECTIVE HOUSING DEFICIT (11-1	,,	156	620	79	855	84	225	61	370
A MOPOLES PROJECT						37	75	0	112
TOTAL HOUSING ASSITE, INCLUMN								<u> </u>	
E. TOTAL INDUSING ASSETS, INCLUDIN PROPOSED PROJECT, AS PERCENTA PROJECTED EXPECTIVE INQUINEMEN		a. Multa				80.5%	88.87	0.0%	94.3
I Middle Company	<u> </u>					80.5% 80.5%	88.87	0.0%	84.3

Line 4: The Naval Air Station, Keflavik, Iceland, is a primary NATO strategic location. The facility is situated 27 miles WSW of Reykjavik (85,000 population) and one mile west of Keflavik (6,500 population) on a coastal lava plain. The economy is based on the fishing industry. Reykjavik is the center for all import-export traffic for Iceland. Under the terms of

00 form 1523, NOV 85

Primary publicate and editables

(Continued on reverse)

16. REMARKS (Continued)

the Memorandum of Understanding between the Government of Iceland and the U.S. Government, all military sponsored families and unaccompanied personnel must reside on the Navy installation. No community housing is available.

Project Composition

75 Enlisted Units	22 2-bedroom JEM
	18 3-bedroom JEM
	4 2-hedroom SEM
	31 3-bedroom SEM
37 Officer Units	12 2-hedroom CGU
	4 3-bedroom CGO
	4 4-hedroom CGO
•	11 3-bedroom FGO
	6 4-bedroom FGO

112 Total Units

1

PEPARTMENT OF THE NAVY FAMILY HOUSING - FY 1991 BUDGET ESTIMATE CONSTRUCTION IMPROVEMENTS

(In Thousands)

PY 1991 Program \$45,951 FY 1990 Program \$42,086

Purpose and Scope

This program provides for alterations, additions, expansions, or extensions to existing public quarters which will materially increase the useful life and livability of the units improved at a winimum of capital investment; includes energy conservation investments which meet energy savings criteria.

Authorization is requested for:

- (1) Various improvements to existing family housing: av^2
- (2) Appropriation of \$45,951,000 to fund these improvements.

Exhibit FH-6

1 COMPONENT	FY 191 MILITARY CONSTRUCTION PROJECT DATA							2. DATE	
3. INSTALLATION									
NAVAL AND MAI	NAVAL AND MARINE CORPS INSTALLATIONS.								
VARLOCS INSI	DE AND	OUTSIDE UNITED	STATES	FAMIL	Y HO	USING I	MPROV	EMENTS	
S. PROGRAM ELEMENT 6. CATEGORY GODE 7. PROJECT NU						S. PROJE			
711 VARIES						\$45	,951		
		9. C	OST ESTIMAT	res					
		ITEM		U	/M Q	UANTITY	UNIT COST	COST (5000)	
FAMILY HOUSIN		LTERATIONS, ADDI'	rions	L/	S			45,951	
TOTAL REQUEST								45,951	
		SEO CONSTRUCTION							

Alterations and modernization of kitchens and haths; improvements to heating and cooling systems; provision of storage and utility rooms: interior rearrangements; provision of additional bathrooms, closets and family room; provision of carports, patios, privacy screening and storage; provision of ceiling and wall insulation; provision of storm windows and doors; provision of landscaping, play areas.

11. REQUIREMENT: The improvements will provide safe and decent living conditions for housing occupants, are considered significant in personnel retention and are consistent with good property management techniques.

IMPACT IF NOT PROVIDED: Units and supporting systems will continue to be used "as is" with increasing obsolescence and unnecessary high energy use.

Project designs conform to Part II of Military Handbook 1190, "Facility Planning and Design Guide".

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MILITARY CONSTRUCTION PROJECT DATA INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES PROJECT NUMBER FAMILY HOUSING IMPROVEMENTS (\$000) INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE INSIDE THE UNITED STATES alaska 2,899.3 Improvements to 82 enlisted units. Provides for blown insulation into the attic spaces, partitioning of the garage and laundry areas to obtain a more secure storage area, installation of a fire life safety Window in each master hedroom, bathroom vanities, tub enclosures, exhaust fans, ground fault interrupter receptacles, new medicine cabinets, energy efficient lighting, weatherstripping on exterior doors and sethack thermostats. Includes installation of weather alcoves, gutters and downspouts, additional off-street parking and construction of dumpster pads. CALIFORNIA MCR Camp Pendleton 1.069.0 Improvements to 1,176 officer and enlisted units. Provides for galvanized metal gutters, downspouts, stops and splash pads at front and rear entrances. MCB Camp Pendleton 670.0 Improvements to 170 enlisted units. Provides for new kitchen cabinets, patio enclosures, and reconfiguring the dining and kitchen areas to create a family room. Includes an additional \$6,972.2K of concurrent repairs. (See Separate DD Form 1391.) MCAS Tustin 147.0 Improvements to 861 enlisted units. Provides for the installation of a six foot high block wall fence. 1,029.8 Improvements to 111 officer and enlisted units. Provides for screen doors, dishwashers, cabinets in utility rooms, hot water heaters, hathroom vanities and exhaust fans. Includes gutters and downspouts, splash blocks, water diverters, patio covers, and a concrete walkway between utility rooms, garages and backyards.

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PAGE NO. # 632

•	:	
1. COMPONENT		2. DATE
NAVT	FY 191_MILITARY CONSTRUCTI	ON PROJECT DATA
2 INSTALLATION		
	RINE CORPS INSTALLATIONS, VARLOCS	
INSIDE AND OU	TSIDE THE UNITED STATES	TE PROJECT NUMBER
4. PROJECT TITLE		5. PROJECT PROMOCIT
FAMILY HOUSIN	IG IMPROVEMENTS	
i		(\$900)
INSTALLATION/	LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE
	INSIDE THE UNITED S	
	INGLUS THE SULLED O	TATES .
NS Mare Isl	and	319.7
Improveme	ents to 211 officer and enlisted w	
Provides	for installation of dishwashers,	
	ent lighting and additional ground	fault
interrupt	er outlets.	
NPGS Monter	'ev	206.4
	ents to 278 officer units. Provid	
	ion of bathroom vanities.	
PWC San Die	•	429.3
	ents to 217 enlisted units, Phase	
	for dishwashers and additional ki	tchen
cabinets.		
PWC San Die	2 20	248.5
Improveme	ents to 32 officer and enlisted un	its.
	for exhaust fans, additional elec	
	n kitchens and bathrooms, energy	
interior	light fixtures, and ductwork insu	lation.
PWC San Fra	ncisco	1,543.2
	ents to 560 officer and enlisted w	mits.
	for privacy fencing and garbage e	
PWC San Fra	· · · · · · · · · · · · · · · · · · ·	471.7
	ents to 260 officer and enlisted w	
	for privacy fencing.	•••
PWC San Fra	mad and	502.8
	ents to 30 enlisted units. Provid	
	ion of carports, patio slabs and	
fencing.		
•		
		·.

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. PROJECT TITLE	RINE CORPS INSTALLATIONS, VARLOCS UTSIDE THE UNITED STATES	
. PROJECT TITLE		S. PROJECT NUMBER
PAMILY HOUSE	NG IMPROVEMENTS	
INSTALLATION	/LOCATION/PROJECT DESCRIPTION CURRE	(\$000) ENT WORKING ESTIMAT
	INSIDE THE UNITED STATES	
fire rat doors an doors, w fixtures fault in light fi	ndon ents to 150 enlisted units. Provides for ed walls in place of existing furnace room i new exterior doors to replace interior ired smoke detectors, hathroom exhaust/light , ducted range hoods, dishashers, ground terrupter receptacles, energy efficient ktures in kitchens, hathrooms and hasements kpanded parking area.	
		0.00
	ndon ents to 500 officer and enlisted units. for exterior storage sheds.	969.3
•	ents to one flag unit. Provides for a orch including site work, installation and gs.	8.8
•	ents to 10 officer units. Provides for orches including site work, installation, shing.	50.1
Provides	ents to 669 officer and enlisted units. for screen porches including site work, tion, and finishing.	3,351.8
Provides hardware harrier	ents to 65 officer and enlisted units. for installation of resr doors (including), front and rear storm doors, radiant heat window film, and construction of concrete and privacy screen.	102.0

FY 19__ MILITARY CONSTRUCTION PROJECT DATA 2. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES E. PROJECT NUMBER 4. PROJECT TITLE FAMILY HOUSING IMPROVEMENTS (\$000) CURRENT WORKING ESTIMATE INSTALLATION/LOCATION/PROJECT DESCRIPTION INSIDE THE UNITED STATES 25.1 NCSC Panama City Improvements to five officer units. Provides for heat pump supply well. Includes drilling four inch diameter supply well, installing pump, constructing an equipment house, installing pressure tanks, and connecting water supply to units. 10.6 PWC Pensacola Improvements to two officer units. Provides for construction of concrete swales to divert excess water overflow away from carports into the drai -ee system. 21.5 PWC Pensacola Improvements to two officer units. Provides for additional bathrooms including electrical, plumbing, and insulation work. **GEORGIA** 285.0 MCLB Albany Improvements to 270 officer and enlisted unics, Phase II. Provides for installation of blown-in insulation. ILLINOIS 669.4 NAS Glenview Improvements to 19 trailer pads. Provides for expansion of the trailer park by relocating 19 of the 37 trailer pads (every other one) to the opposite side of the street. Includes removing 19 old pads, constructing 19 new pads, providing electrical, water and sewer services, constructing sidewalks and widening the streets.

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FY 19_9MILITARY CONSTRUCTION PROJECT DATA S. INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES PROJECT TITLE PROJECT NUMBER FAMILY HOUSING IMPROVEMENTS (\$000) CURRENT WORKING ESTIMATE INSTALLATION/LOCATION/PROJECT DESCRIPTION INSIDE THE UNITED STATES PWC Great Lakes 5,624.5 Improvements to 178 enlisted units, Phase I. Provides for finished basements, central air conditioning, garages, wired smoke detectors, suspended ceilings in all units except single family units, relocation of electrical outlets in kitchens and dining rooms, ceiling light fixtures in hedrooms, ground fault interrupter receptacles, patios, storage sheds, privacy fencing and additional shrubbery. Includes an additional \$3,620.1K of concurrent repairs. (See Separate DD Form 1391.) LOWISIANA NAS New Orleans 84.2 Improvements to 15 enlisted units. Provides for fascia and soffit vinvl sidings. MARYLAND NSF Thurmont 182.4 Improvements to 21 officer and enlisted units. Provides for ductwork insulation, smoke detectors, central air conditioning, improved electrical distribution system, kitchen reconfiguration to include installation of new dishwashers and added cabinet space. Includes an additional \$720.5K of concurrent repairs. (See Separate DD Form 1391.) **MASSACHUSETTS** DODFHF Westover 538.7 Improvements to 124 officer and enlisted units. Provides for additional security lighting at front and rear entrances, wooden privacy screen between units, enclosures for refuse containers, skylight covering, extension of entrance landings, column supports at rear entrance canopies, gutters and downspouts at rear entrances, transparent cover for basement window wells, insulation in basement

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FY 19_91_MILITARY CONSTRUCTION PROJECT DATA 2 INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES S. PROJECT NUMBER 4. PROJECT TITLE PAMILY HOUSING IMPROVEMENTS (\$000) INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE INSIDE THE UNITED STATES DODFHF Westover (Continued) ceilings and additional kitchen cabinets in 80 units. Includes bathroom exhaust fans and light fixtures, interior light fixtures at top of stairwells, and ground fault interrupter receptacles. MISSOURI MCFC Kansas City 189.0 Improvements to 240 officer and enlisted units. Provides for construction of sidewalks. NEVADA NAS Fallon 33.6 Improvements to one installation commander quarters. Provides for conversion of a sunroom into a bathroom, additional kitchen cabinets and electrical outlets. Converts present utility room into a storage room. Includes an additional \$96.8K of concurrent repairs. (See Separate DD Form 1391.) NEW YORK NS New York 4,502.9 Improvements to 191 officer and enlisted units, Phase I. Provides for ground fault interrupter receptacles, central air conditioning, hot water heaters, non-slip stair treads, exterior mailhoxes with locks, vinyl shutters, vestibules, wired smoke detectors, lighting in crawl spaces, frost free hose bibbs at rear of each unit, dishwashers, and exhuast fans. Includes resilient surfacing around playground equipment, additional playground equipment, shrubbery, screening and pads for dumpsters. NORTH CAROLINA MCB Camp Lejeune 781.0 Improvements to 189 officer and enlisted mobile home, spaces. Provides for enlarging patios, construction

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of carports and storage buildings.

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1. COMPONENT		2. DATE
MAVY	FY 18_91_MILITARY CONSTRUCTION P	ROJECT DATA
2 INSTALLATION	AND LOCATION	
	INE CORPS INSTALLATIONS, VARLOCS	:
4. PROJECT TITLE		S. PROJECT NUMBER
PANILY ROUSIN	G INPROVENENTS	
		(\$000)
THSTALLATION/	LOCATION/PROJECT DESCRIPTION	CURRENT WORKING ESTIMATE
	INSIDE THE UNITED STATES	
MCAS Cherry		382.0
, ,	ents to 42 officer and enlisted units. for out door recreational patios.	
PENNSYLVANIA NS Philadel	nhta	3,787.4
Improveme I. Provi on interi stairs, h insulatio additiona entrance	phia into to 200 enlisted housing units, Phiace for wooden hand rails and safety for stairs, wrought from railing on extention vanities and exhaust fans, during ground fault interrupter receptable if receptables, vinyl window shutters, canopies, garbage can enclosures, and on outlets.	nse treads terior twork es,
additiona space, ex ductwork	ester ents to four enlisted units. Provides al electrical receptacles, interior sta sterior storage sheds, insulation on and receptacles, heater covers for spa and humidifier.	orage
Provides bathroom fencing,	ents to 102 officer and enlisted units for dishwashers, garbage disposals, exhaust fans, concrete patios, privacy additional electrical receptacles, on of carports to garages, and addition	,
addition		33.6 can

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PAGE NO.

1. COMPONENT		3. DATE
	FY 18_1_MILITARY CONSTRUCTION	PROJECT DATA
NAVY LINSTALLATION	AND LOCATION	
MAVAL AND MA	RINE CORPS INSTALLATIONS, VARLOCS UTSIDE THE UNITED STATES	
4. PROJECT TITLE	·	E. PROJECT NUMBER
FAMILY HOUSI	ng improvements	
INSTALLATION	/LOCATION/PROJECT DESCRIPTION	(\$000) CURRENT WORKING ESTIMATE
	INSIDE THE UNITED STA	TES .
•	ents to 486 enlisted units. Provide two streets and installation of nin	
•	k ents to 225 enlisted units. Provide exterior door and window locks.	190.4
•	ents to 609 enlisted units. Provide ing including shade trees, flowering	
improved	k ents to 257 enlisted units. Provide exterior door and window locks, rel lights and installation of house nu	ocation
•	ents to 114 enlisted units. Provide ing to include shade trees, flowering	
installa	k ents to 72 officer units. Provides tion of fire walls with 2" x 4" wood fire resistant sheet in attic areas	len studs
disconne	k ents to one officer unit. Provides ction of utilities, demolishing exis hut, and constructing a 1-1/2 car ga	ting
	co ents to six enlisted units. Provide patios with sun shades.	53.0 es for
İ		

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FY 15 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 2 INSTALLATION AND LOCATION MAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES A PROJECT TITLE FAMILY HOUSING IMPROVEMENTS (\$000) INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE INSIDE THE UNITED STATES 894.4 NSGA Northwest Improvements to 24 enlisted units. Provides for kitchen area expansion, installation of dishwashers, garbage disposals, ducted range hoods, 40-gallon electric water heaters, heat pumps, detached exterior storage sheds, soffit vents, and pressure relief valves for hot water mains. 92.3 NSGA Northwest Improvements to 51 officer and enlisted units. Provides for dishwashers, bathroom vanities, utility room shelves, and kitchen fluorescent lighting fixtures. 1.7 NAVHOSP Portsmouth Improvements to one installation commander quarters. Provides for vanities, hathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. Includes an additional \$80.4K of concurrent repairs. (See Separate DD Form 1391.) WASHINGTON 1.762.0 NSB Bangor Improvements to 100 enlisted units. Provides for installation of new cabinets, dishwashers, countertops, stainless steel wall guards behind stoves, garbage disposals, new windows, combination storm/screen doors and improved kitchen and hathroom lighting. Includes improvements to carports, sidewalks, steps, guardrails, carport grading, exterior lighting, access roads and retaining walls. Includes an additional \$4,296.6K of concurrent repairs. (See Separate DD Form 1391.)

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I. CONFONENT		E. DATE
NAVY	FY 19 91 MILITARY CONSTRUCTION PROJECT	DATA
A	AND LOCATION	
NAVAL AND HA	ARINE CORPS INSTALLATIONS, VARLOCS OUTSIDE THE UNITED STATES	ļ
A PROJECT TITLE		B. PROJECT NUMBER
PAMILY HOUSE	ING INPROVENENTS	
		(\$000)
INSTALLATION	N/LOCATION/PROJECT DESCRIPTION CURRE	INT WORKING ESTIMATE
!	OUTSIDE THE UNITED STATES	
ICELAND NAS Keflav	· vf k	971.2
Improve Provides ceilings	ments to 224 officer and enlisted units. s cor sealing a total of 480 slah openings in s with noncombustible sealing material to a serious fire hazard.	n
NAS Kefla	vik	519.4
laprover Provide ceiling	ments to 132 officer and enlisted units. a for sealing a total of 264 slab openings is with noncombustible sealing material to a serious lire hazard.	n
JAPA"		375.û
Provide housing	uni ments to 44 officer and enlisted units. is for carpeting with cushioning in all famil living spaces with the exception of the and bathrooms.	
MARIANAS		3,011.4
Provide range h cabinet enclose	ments to 53 officer and enlisted units. Its for gutters with downspouts, dishwashers, loods, garbage disposals, additional kitchen as, carports with storage and driveway, trashures, patios, concrete privacy dividers, and tive coverings for air conditioners.	·
PHILIPPIN PWC Subid	ies	522.0
Improve clother lowered room, d base pi landsc	ments to 34 officers quarters. Provides for lines, dishwashers, trash enclosures, and dicellings in kitchen, living room, dining and hedrooms. Includes installation of meter snels, electrical receptacles, and additional aping. Includes an additional \$1,291.1% of rent repairs. (See Separate DD Form 1391.)	r

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PREVIOUS EDITIONS MAY SE USED INTERNALLY
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PY 19_1MILITARY CONSTRUCTION PROJECT DATA YVAP HISTALLATION AND LECATION NAVAL AND MARINE CORPS INSTALLATIONS, VARLOCS INSIDE AND OUTSIDE THE UNITED STATES THE PARTY OF THE P . PROJECT TITLE PANILY HOUSING IMPROVEMENTS (\$000) CURRENT WORKING ESTIMATE INSTALLATION/LOCATION/PROJECT DESCRIPTION OUTSIDE THE UNITED STATES PUERTO RICO 735.3 MS Roosevelt Roads Improvements to 32 enlisted units. Provides for removal of existing window air conditioners, installation of central air conditioners, ductwork, refrigerant tubing and piping, controls and related appurtenances, construction of road between existing housing buildings, and one carport for each unit. Includes an additional \$1,057.9F of concurrent repairs. (See Separate DD Form 1391.) SPAIN 2,534.0 NS Rota Improvements to 162 officer and enlisted units, Phase II. Provides for kitchen and hathroom ceramic wall tile finishes, kitchen base and wall cabinets, range exhaust hoods, bathroom accessories, fixtures, and fluorescent light fixtures in the kitchen and laundry rooms. Includes construction of linen closets, installation of closet doors and shelves, and relocation of electric range power outlets.

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I COMPONENT	FY 19_91 MILITARY CONSTRUCTION PROJECT DATA						2. DATE	
3. INSTALLATION A	ND LOC	ATION		4. PROJECT	TTITLE			
MARINE CORPS				WHOLEH WWILI	OUSE IMPRO	OVEMENT:	S/REPAIRS	
S. PROGRAM ELEM		6. CATEGORY CODE	7. PROJEC	TNUMBER	8. PROJE	ECT COST	(\$000)	
	Y	{	PE-H-18					
IMPROVEMENTS		711	PE-H-1:			7,642.2		
·		9. Ct	ST ESTIMAT	TES				
1-1		ITEM		U/M	QUANTITY	COST	(\$000)	
FAMILY HOUSI	ng imi	ROVEMENTS		LS			670.0	
CONCURRENT REPAIRS AND MAINTENANCE			LS			6,972.2		
TOTAL REOU	EST (I	ROUNDED		•			7,642.2	
Area Cost Fa	ctor 1	≈ 1.19 ·						
TA BEEFERSTAL A	* ***	SEC CONSTRUCTION						

Project will improve units by installing new cabinets, patio enclosures and reconfiguring dining and kitchen areas to create a family room. Repairs will correct landscaping deficiencies, replace fencing, windows, doors, screens, replaster, re-insulate, refinish bathrooms and laundry rooms, replace plumbing, lighting, rewire and repair walls. Paint the interior and exterior of units.

11. REQUIREMENT: This project will provide major repairs and improvements to 170 Wire Mountain III area units.

CURRENT SITUATION: Wire Mountain III was constructed in 1964 and requires major repairs to prevent further deterioration. Improvements and reconfigurations will convert the units to current standards of living.

IMPACT IF NOT PROVIDED: Failure to provide necessary repairs will result in further deterioration. Failure to provide improvements will cause occupants to live in units whose configuration is substandard to current day design.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO A A 3

1 COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA 2. DATE						
NAVY PUBLIC WORKS CENTER WH				TTITLE OUSE IMPRO ENLISTED		S/REPAIRS	
B. Program Elements	6. CATEGORY CO	7. PROJE HC-1-8 PHASE	ST NUMBER B. PROJECT CO			987 (\$00g)	
		9. COST SSTIMA	TES				
	ITEM		UA	QUANTITY	COST	COST (8000)	
FAMILY HOUSING	G IMPROVEMENTS		EA	178	31,598	5,624.5	
CONCURRENT REI	PAIRS AND MAINTEN	ANCE	EA	178	20,338	3,620.1	
			EA	178	51,936	9,244.6	
тот	AL REQUEST		-			9,244.6	
Area Cost Fact	tor = 1.09						
				<u> </u>			

This project encompasses wholehouse improvements and repairs to 178 enlisted housing units in Halsev Village. Improvements: Provides for finished basements, wired smoke detectors, new suspended ceiling, (in all units), except single family units, central air conditioning, ceiling light fixtures in bedrooms, electrical outlets in bedrooms, ceiling light and outlets in basements, ground fault interrupter electrical receptacles, new garages, patios, storage sheds, privacy fencing, and additional plants. Repairs: Include weatherstripping of all exterior doors, replacement of windows, storm doors, roofing, soffits, roof vents, attic insulation over bedroom and bathroom ceilings, ductwork, ceiling in hasement, tubs, tub enclosures, closet doors, tot lors, and replacement of curbs and gutters, and sidewalk.

11. REQUIREMENT: Wholehouse improvements and repairs to improve the living conditions and quality of life of 178 enlisted families at Halsey Village.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

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1. COMPONENT
NAVY
FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

2. INSTALLATION AND LOCATION
NAVY PUBLIC WORKS CENTER
GREAT LAKES, IL
4. PROJECT TITLL
IMPROVEMENTS

2. DATE

1. PROJECT NUMBER

CUPRENT SITUATION: Improvements: Existing smoke detectors are bettery operated, they require monitoring for proper operation, weak, dead, or missing batteries. The cathedral type cailing wastes energy and causes stratification of heated air between the first and second floors. The outlet in the kitchen and dining area partition is improperly located causing extension cords to be used. There is no central air conditioning which other units have. The light fixture in bedroom does not provide adequate lighting for the bedroom or closet. Electric outlets in bedrooms are inadequate in number and location. Light fixtures in kitchens are inadequate and ineffective. Lighting level is not uniform due to the slope of the ceiling, the higher fixture bulb cannot be changed without a ladder. The wall bracket fixture is ineffective and not usable because the location causes a glare. Rasements are unfinished, no floor, well or ceiling finishes are provided. The basement walls are not insulated. Basement electrical wall outlets and fixtures are inadequate in number and location. Ground fault interrupter electrical receptacles are not provided in accordance with the National Electrical Code. Carports or parking stalls provide inadequate protection for severe climatic conditions in this area, the carports are at the end of their useful life and are outdated, they require reroofing and repairs, they do not provide secure or concealed spaces for storage. Patios have not been provided for private outdoor living space. Storage sheds have not been provided for exterior bulk storage. Privacy fencing is needed between patios. Planting is very sparse. Repairs: Weatherstripping for exterior doors are either worn, missing, damaged ineffectively or incorrectly installed. Windows are old, difficult to operate, poorly weatherstripped, permit excessive air infiltration, and do not have thermal-break in the aluminum frame. Storm doors are of poor quality and near the end of their useful life, some are damaged and ill-fitting due to their poor quality and heavy usage. Soffits and fascia boards are damaged, loose, and deteriorated. Soffit vents are inadequate in size and clogged with dirt and paint, no other artic ventilation is provided. Gravel and asphalt roofs are at the end of their useful life. Attic insulation over bedrooms, closets, and halls is inadequate. Ductwork for living/dining and kitchen is properly located and runs below the floor slab, water is infiltrating, and it requires cleaning which is not possible because of its location. Ceiling in basement under the bathroom is damaged due to water leaks and maintenance work. Existing tubs and enclosures are a continual maintenance problem, refinishing of the tubs has not worked, water leaking from the tub edge, drain overflow and ceramic tile has been a constant problem, the repairs have produced an unsightly appearance. The metal closet doors are a constant maintenance problem. Tot lots are in poor condition. Curbs, gutters, and sidewalks are cracked and broken.

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FY 19_91MILITARY CONSTRUCTION PROJECT DATA

3. INSTALLATION AND LOCATION
NAVY PUBLIC WORKS CENTER
GREAT LAKES, IL

4. PROJECT TITLE
IMPROVEMENTS

2. DATE

E. PROJECT NUMBER

IMPACT IF NOT PROVIDED: Smoke detector may not operate when needed.

Energy will continue to be wasted and the heat will continue to stratify if
the ceilings are not lowered. Extension cords will continue to be used if
the outlets are not located properly. Window air conditioning units will
continue to be used or units will be uncomfortable without them. Some
areas of the units will not be well lighted. Basements will continue to he
under utilized. A fatal shock may occur without the ground fault
interrupter receptacles. Cars and other personal items will be stored
outside and not be
protected from the weather. The outdoor living spaces will not he
attractive nor desired by occupants. If windows and doors are not replaced

attractive nor desired by occupants. If windows and doors are not replaced they will continue to deteriorate, have increasing maintenance costs, and waste more energy. The roofing will continue to deteriorate. Without additional insulation in the attic the units will continue to waste energy and the occupants will not be comfortable. The bathrooms will continue to have high maintenance costs and look unsightly. Children will not have a safe place to play. The curbs, gutters, and sidewalks will continue to deteriorate. This will impact morale.

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PAGE NO.

1. COMPONENT NAVY	FY 19	91 MILITARY C	ONSTRUC	TION	PRO	DJECT DA	7A 2. 0	ATE	
NAVAL SUPPORT FACILITIES WHO				LEH	TITLE DUSE IMPR OFFICER/E		S/REPAIRS UNITS		
B. PROGRAM ELEMS	NT	. CATEGORY CODE	HC-01-	T NUM	914	S. PROJ	ECT COST (8000)	
IMPROVEMENTS		711	HR-01-				\$ 902.	02.9	
		9. 6	DET ESVEMA	res			·		
		FTEM		ł	UA	QUANTITY	COST	(8000)	
PAMILY HOUSIN	ig impi	ROVEMENTS		1 2 1	ea	21	8,686	152.4	
	,	AND MAINTENANCE	•		ea	21	34,310	720.5	
	₩.			-	EA	21	42,996	902.9	
รถา	TAL RE	QUEST		•				902.9	
Area Gost Fac	ctor =	0.95	Å.						

16 DESCRIPTION OF PROPERTY CONSTRUCTION
Improvements to 21 officer and enlisted units. Improvements: Provides for crawl-space insulation in five units, ductwork insulation, reconfiguration of kitchens to include dishwashers, additional kitchen cabinets, improved electrical distribution system and additional electrical circuits. Improvements also consist of hard wired smoke detectors, central air conditioning, relocation of the washers and dryers from the kitchens to utility rooms. Quarters "A" will be reconfigured to accommodate an added bedroom. Repair work includes replacement of hathroom floors, tubs, water closets, sinks, vanities and wall tiles. The exterior doors, hardware and frames, windows, kitchen cabinets, furnaces, and access roadway will also be replaced.

11. REQUIREMENT: Improve the living conditions of 21 officer and enlisted families assigned to NSF Thurmont.

CURRENT SITUATION: These units were built in the early 1960's and have received little interior renovation. There is no insulation in the crawl-space area of five units. Cold damp air permeates these units during the winter months. Kitchens are twenty-eight years old and are inadequate due to lack of proper modern day appliances. There is insufficient storage space. Kitchens lack dishwashers and have an insufficient number

PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL EXHAUSTED

PAGE NO

1. COMPONENT
NAVY

S. INSTALLATION AND LOCATION
NAVAL SUPPORT FACILITIES
THURMONT, MD

T. PROJECT TITLE

2. DATE
2. DATE
3. DATE
4. PROJECT NUMBER

IMPROVEMENTS

of properly grounded electrical receptacles. The electrical system is being over-loaded due to lack of adequate circuitry. Smoke detectors are battery operated. Heating systems are original oil fired furnaces. These furnaces require an extensive amount of maintenance and units are very unconfortable during the summer months. There is no air conditioning. Quarters "A" has a modified 3rd bedroom which does not have closet space and is undersized. Bathroom floors and wall tiles are deteriorated. marred and have reached the end of their economic life. Bathroom tubs, water closets, sinks and vanities are old and deteriorated, finishes are discolored and surfaces are hard to clean. Exterior doors are not weathertight, sills not level, frames are cracked, hardware deteriorated, window sash and frames are deteriorated, sash cords are broken, windows fit poorly, are difficult to open and close and waste energy. Kitchen cabinets are old, have been painted numerous times, and the doors are difficult to open and close. The access roadway surface is spalled, cracked and settled, base course has failed, which causes added inconvenience to occupants.

IMPACT IF NOT PROVIDED: Improvements/Repairs: Deterioration of stated items will continue, and will be a principal source of discontent to the occupants. Units will continue to waste energy and have excessive maintenance costs increasing occupant inconvenience. Safety will be compromised with the extensive use of electrical extension chords. Occupants will continue to be exposed to potential electrical hazards. Quarters "A" will continue to be the only unit with an undersize third hedroom. Units and supporting systems will continue to be used as is with increased long term maintenance and repair problems.

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PREVIOUS EDITIONS MAY BE USED INTERHALLY UNTIL EXHAUSTED

PAGE NO. 4 4 5

MILITARY CONSTRUCTION PROJECT DATA NAVY NAVAL AIR STATION IMPROVEMENTS/REPAIRS TO ONE FALLON, NV INSTALLATION COMMANDER QUARTERS S. PROGRAM ELEMENT S. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (BOOD) 711 \$ 130.4 HC-01-85 IMPROVEMENTS P. COST ESTIMATES ITEM WW QUANTITY COST FAMILY HOUSING IMPROVEMENTS EA 33,600 CONCURRENT REPAIRS AND MAINTENANCE BA 1 96,800 96.8 130,400 130.4 TOTAL RECUEST 130.4 Area Cost Factor = 1.00

In Description of Parotto Constantion installation commander quarters. Provides improvements and repairs to one installation commander quarters. Provides for additional kitchen cabinets, electrical outlets, conversion of a sunroom into a bathroom, construction of a combination utility and laundry room, conversion of the present utility room into a storage room. Repairs include replacement of the heating system, septic tanks, water heater, sprinkler system, and correction of drainage problems.

11. REQUIREMENT: Improve quality of life amenities for the Installation Commander of NAS Fallon and complete the needed repairs as stated above.

CURRENT SITUATION: Improvements: The utility room is poorly located and provides little room to work on furnace or water heater. The present laundry area is located in a separate building, is subject to freezing in cold weather and is extremely inconvenient during inclement weather. Interior storage is very limited resulting in some of the occupant's personal property is being stored in the garage. The kitchen has limited storage capacity. For additional space, occupants normally use closets to store dishes and appliances. The diningroom and parts of the entertainment area have no electrical outlets. Electrical power for these areas is provided by use of extension cords. Repairs: Existing heating system is inadequate to heat entire unit. Heat is not ducted into one bedroom and the family room. Furnace is old and in deteriorated condition. Ductwork is rusted and leaking. Existing metal septic tanks

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1. COMPONENT NAVY	FY 19_91 MILITARY CONSTRUCTION PROJECT DATA	2. DAYE
3. INSTALLATION : NAVAL AIR S' FALLON, NV		···
4. PROJECT TITLE	S. PRO.	IECT NUMBER
IMPROVEMENT	8	

are rusted and do not process sewage properly before liquids are distributed to leach field for percolation into soil. Septic tanks have had to be pumped several times to remove build up of solids. One leach field is located in a flood irrigated pasture which is lower than the lawn area. Irrigation gets into leach lines and renders them inoperable. Sprinkler system is old and does not provide proper coverage. Yard drainage is in poor condition creating standing water next to the unit which creates structural problems and a mosquito habitat. Existing windows are single pane wood frame units which are in poor condition, do not fit properly and create significant energy loss. Electric water heat is old and very expensive to operate.

IMPACT IF NOT PROVIDED: High utility costs will continue. The health and safety of the military family occupying the unit is in jeopardy from backup of raw sewage if the system is not replaced. Structural problems to the unit could be encountered unless the sprinklers and drainage problems are corrected to keep water away from the unit. Occupant inconvenience will he exacerbated due to insufficient kitchen cabinets, lack of electrical outlets and the absence of privacy afforded by a powder room. Laundry facilities will remain outside the main dwelling unit continuing inconvenience and posing a possibly injurious situation with the risk of freezing of the laundry room including costly damage to occupant washing machine. Personal property will continue to be stored under unsuitable conditions in the garage.

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COMPONENT FY 19 01 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION 4. PROJECT TITLE NAVAL HOSPITAL IMPROVEMENTS / REPAIRS TO OTES "A" (ICO) PORTSMOUTH, VIPGINIA S. PROGRAM ELEMENT S. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (\$000) HC-11-A5 HR-02-85 **IMPROVEMENTS** \$ A2.1 S. COST SETIMATES ITEM COST 180001 QUANTITY FAMILY HOUSING - IMPROVEMENTS 1,700 1.7 CONCURRENT REPAIRS AND MAINTENANCE EΑ 1 80,400 80.4 EA 82,100 82.1 1 TOTAL REQUEST 82.1

10: DESCRIPTION OF PROPOSED CONSTRUCTION

IMPROVEMENTS: Includes the provision of vanity dressing tables, bathroom exhaust fans, smoke detectors on the 2nd and 3rd floors, an additional receptacle in the serving area, and a flourescent light fixture in the serving area.

REPAIRS: Repair work includes the replacement of deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skright, porch columns (4), porch column bases (3), and the repair of rotting wood porch paneling and wood trim. Also included is the refinishing of interior and exterior woodwork and doors and the repair of exterior stucco (by sandblasting and repainting). Mechanical repairs include the replacement of leaking or deteriorated bathtub fittings. The inefficient and troublesome steam generated hot water heating system will be replaced with a ducted heat pump system. Electrical repairs consist of the provision of electrical service to the heat pump system and minor repairs to certain electrical devices. Heat pump air conditioning will replace current window air conditioning units.

11. REQUIREMENT: Improve the living condition of the quarters assigned to the Installation Commander.

CURRENT SITUATION: The lack of a bathroom storage area and mechanical ventilation is a source of occupant dissatisfaction. Insufficient distribution of smoke detectors is a potential hazard in the event of a

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FY 19_G1MILITARY CONSTRUCTION PROJECT DATA

**NAVY

**INSTALLATION AND LOCATION

**NAVAL HOSPITAL, PORTSHOUTH, VIRGINIA

***PROJECT TITLE

Improvements/Repairs to Qtrs "A" (ICQ)

***Example of the project number HC11-85 HR2-86

fire. The preparation of meals is impaired by the absence of certain electrical outlets in the serving area. Deteriorated roofs and leaking plumbing are causing structural damage to the quarters. Woodwork and exterior studeo are unsightly and impractical to maintain. Heating systems are very costly to operate and require excessive maintenance. Improper electrical grounding is a hazard to the occupant. Window air conditioning units are inefficient and require constant maintenance.

IMPACT IF NOT PROVIDED: The Installation Commander will continue to occupy quarters which lack certain amenities normally provided at this level and will also continue to occupy quarters which are deficient and not appropriate for this level of responsibility. Further structural damage can be anticipated and operation/maintenance costs will escalate if these repairs are delayed.

1 COMPONENT NAVY	FY 19_91 MILITARY CONSTRUCTION PROJECT DATA						2. DATE	
MAVAL SUBMARINE BASE, BANGOR								100 EVL.
S. PROGRAM ELEMENTS	uT	6. CATEGORY COOL	7. PROJEC HC-02- PRASE		e. PROJ	6,058		10001
Ziti KOVZIIZIVIO			ST BETMA					
		ITEM		Une	QUANTITY	COS		COST (8690)
FAMILY HOUSIN	G IMP	ROVEMENTS		EA	100	17,6	20	1,762.0
CONCURRENT REPAIRS AND MAINTENANCE			EA	100	42,9	66	4,296.6	
				EA	100	60,5	86	6,058.6
τοτ	AL RE	QUEST		•				6,058.6
Area Cost Fac	tor =	1.14						
								•
18. DESCRIPTION OF	TEREN	HATANET HATA			L	<u>L</u>		

o DESCRIPTION OF PROPOSED CONSTRUCTION
This project consists of wholehouse repairs and improvements to 60 two bedroom single level enlisted family housing units and detached carports and 40 four bedroom townhouse style enlisted family housing units and detached carports at Jackson Park, FY-70 construction, and other real property repairs and improvements to the entire FY-70 construction area of 200 units. Included are improvements to kitchens and bathrooms, installation of new cabinets, dishwashers, countertops, stainless steel wall guards behind stoves, garbage disposals, combination storm/screen doors, bedroom and closet lighting, improved kitchen and bathroom lighting and lowering bathroom ceilings. Concurrent repairs include replacement of wood and vinyl cove base molding, bathroom accessories, range hoods, kitchen and bathroom exhaust fans, stair treads and risers (in four BR units), front entries, carports, exterior storage areas, garbage can storage areas, sliding, privacy fences and replacement of windows, sliding glass and patio doors, reroofing quarters and carports and installation of gutters and downspouts on carports and outside storage areas. Other real property improvements, which will-include the entire FY-70 construction area of 200 units, include providing additional off atreet parking, steps on steep walkways, sidewalks as needed, grading and paving on sides of carports and installation of retaining walls where needed. Other real property repairs in the same are a include repaving the roads, repair of sidewalks damaged by tree roots, replacement of parking bumpers where necessary, and relocation of catch basins.

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1. COMPONENT
NAVY
FY 19_91MILITARY CONSTRUCTION PROJECT DATA

2. INSTALLATION AND LOCATION
NAVAL SUBMARINE BASE, BANGOR
BREMERTON, WASHINGTON
4. PROJECT TITLE
[S. PROJECT NUMBER

IMPROVENENTS

11. REQUIREMENT: Wholehouse architectural, plumbing and electrical improvements and repairs are required to meet current standards and to decrease maintenance and energy costs.

CURRENT SITUATION: Solid core entry doors, exposed to the elements since construction, show severe weathering. Adequate cross-ventilation in warm weather is nearly impossible, as storm/screen doors are not currently provided. Single glazed windows and patio doors are not energy efficient and do not operate freely in their present state.

The 12 foot high bathroom ceilings cannot be cleaned by residents and the 7 foot high exhaust fans cannot ventilate the high area sufficiently. The lack of sufficient ventilation creates excessive moisture and mildew buildup on the bathroom ceilings which increases maintenance. Moisture buildup is also a problem under the roof, because these townhouse units have cathedral ceilings, contain no attic and were constructed without through-roof ventilation.

Because no bedroom lighting is provided, residents are obligated to provide more than the usual amount of table lamps to light these rooms. Further, this phase of construction was built in a heavily wooded area which tends to filter out much of the natural light.

Kitchens are small and inconvenient. The finish on range hoods installed in 1970 shows the effects of abrasive cleanser and have become dented over the years. This phase of construction at Jackson Park contains neither dishwashers nor garbage disposals. Kitchen cabinets and countertops are chipped and stained.

Hardwood parquet flooring in living areas, in most cases, is becoming too thin to be further sanded, and 9 inch vinyl floor tiles can no longer be matched. The floor tile also has unsightly cracks and gaps caused by settling of the buildings. The cove base molding and trim shows wear and tear. These units currently have one full bathroom. Existing formica lavatory vanity shelving is chipped and stained. Hedicine cabinet interiors are rusted. Fiberglass tubs have hairline cracks and, in some cases, are chipped and stained. Host bathroom and kitchen exhaust fan bearings are worn causing excessive noise. Floor plan in main bath is a poor use of space and is inconvenient and cumhersome for the occupants.

DATE COMPONENT FY 19_91MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION WAVAL SUBMARINE BASE, BANGOR BREMERTON, WASHINGTON A SMUK TOSLORY A PROJECT TITLE IMPROVEMENTS

Decking and rails have become weathered, and dryrot is pervasive. Plywood canopy shrouds over upstairs bedroom windows also show signs of dryrot and are extremely weathered. These canopies will be removed rather than repaired to allow more daylight into the rooms. The original construction did not provide for gutters and downspouts for detached carports or outside storage areas. Channeling water away from these buildings is a continual concern. A roof over the back patio with gutters and downspouts will keep blowing rain off the patio and storage area and will allow for better use and less saintenance. Numerous roofs are leaking and maintenance problems on the roofs continue to escalate.

Smoke detectors are battery operated. There is no energy efficient lighting.

Luck of pedestrian walkways promotes cutting access landscaped areas creating unsightly erosion. Grassy areas against the sides of carports are difficult to maintain and promote pest infestation, and the narrow strips of grass serve no purpose. Parking is so limited that many occupants have only one parking space for their use. Lighting is minimal. Asphalt sidewalks are breaking up due to tree roots, parking humpers are broken in numerous locations and catch basins are poorly located in the middle of pathways. Roads are in need of repaving throughout the area. Rockery and retaining walls are needed in areas too steep to mow. These steep areas are constant eyesores and sources of erosion.

IMPACT IF NOT PROVIDED: These are the only units at Jackson Park without dishwashers and garbage disposals. Without improvements and concurrent repairs to these 100 units, energy waste and high maintenance costs will continue to escalate and the condition of the units will deteriorate at an accelerated rate. Roofs will continue to leak and cause damage to occupants personal property, and the need for unsightly tarps on leaky roofs will increase. Lack of improvements and repairs on the other real property in the FY-70 area of construction (200.units) will escalate erosion, promote accidents and increase unsightliness of the area. Occupant dissatisfaction and demoralization will continue and in all likelihood escalate.

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PAGE NO. 31 4 5 5

TAVY	FY 19_91 MILITARY CONSTRUCTION PROJECT DATA 2 DATE								
PUNLIC WORKS CENTER, SUBIC BAY				WHO	OLES	TITE IMPRO ICER UNIT		י/זא	REPAIR TO
s. Program Elemi	NT	S. CATEGORY CODE	7. PROJEC	TNUM	MER	B. PROJ	ET CC	18 † (8	0001
IMPROVEMENTS	1	711-32/33	HC/R-4	-91			1,81	3.1	
		9. 00	ST BETIMA	1783					
		FTEM			UNI	CHANTITY	36		COST 1900)
FAMILY ROUSING IMPROVIMENTS				BA	34	15,	353	522.0	
CONCURRENT	EPAIR	S AND MAINTENANCE	:		EA	34	37.	974	1,291.1
							53,	327	1,813.1
TOTAL REQUEST						٠			1,813.1
Area Cost Factor = 0.9									
									•

TO DESCRIPTION OF PROPOSED CONSTRUCTION This project encompasses wholehouse and site improvements to 34 officer units. Improvements: Provides for vehicle harriers to individual parking spaces, clothes lines, dishwashers, enclosement of trash area in rear of units, drop ceilings to kitchen, living room, dining room, and bedroom, meter base panels, ground fault interrupter recentacles to kitchen and garage areas, removal of trees, and stumps, and reinforce retainment walls. Repairs: Replace deteriorated venetian blinds, drapery rods, interior doors, exterior screen doors, mismatched floor tiles, kitchen cahinets, warped wall paneling, lavatory cabinet, gutters and downspouts, splash blocks, light fixtures, disconnet switches, and doorbell systems.

11. REQUIREMENT: Vehicle barriers would prevent tennants from pulling their vehicle on to grass areas. Clothes lines will allow tenants to dry clothes outdoors, thus saving electricity. Enclosure of trash area will make units more sitely. Provision of new ceilings will enhance the asthethic condition of units. Kitchens and baths receptacles should be brought up to NEC Code through addition of ground fault interrupter receptacles. Removal of stumps, trees, and vegetation will improve exterior grounds. Venetian blinds and curtain rods need to be replaced in order to operate efficiently. Floor tiles and kitchen cabinets should be made to match. Gutters, downspouts, and splash blocks will allow for proper drainage. Light fixtures and diconnect switches need to be brought up to date. Malfunctioning doorbell systems need to be replaced. Wall hung sinks are not compatible with vanities.

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. COMPONENT	FY 19 91 MILITARY CONSTRUCTION PROJECT DATA	2. DATE
NAVY	FY 18 MILITARY CONSTRUCTION PROJECT DATA	
	AND LOCATION KS CENTER, SUBIC BAY F THE PHILIPPINES	
4. PROJECT TITLE	S. PRO	JECT NUMBER
IMPROVEMEN	rs	

CURRENT SITUATION: Improvements/Repairs: Tenants pull vehicles into yard killing existing grass. Tenants in an extremely warm climate can not dry clother outside. All dishes must be done by hand. Ceilings are cracked and paint is peeling. Insufficient number of electrical receptacles. Landscape is dangerous and unsitely. Venetian blinds and curtain rods will not open and close properly. Interior and exterior doors are deteriorated beyond repair. Different colors and styles of floor tiles and kitchen cabinets are an eyesore. Drainage of water is collecting around base of unit thus escalating maintenance expenditure. Disconnect switches are not modern enough to handle electrical load placed on them. Doorbell system is inoperative.

IMPACT IF NOT PROVIDED: Inaction will hasten further deterioration, compound future costs and magnify disparities with newer units. Occupant and command complaints will intensify. Utilization rates will suffer.

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PREVIOUS EDITIONS MAY BE USED INTERNALLY UNTIL-EXHAUSTED

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NAVY	FY 1	19 <u>91</u> MILITARY C	ONSTRUC	TION PR	OJECT DA	TA 2	DATE
. INSTALLATION A	ND LOC	ATION		4. PROJEC	TITLE		
NAVAL STATIO	N			WROLEH	OUSE IMPR	OVEMEN	TS/REPAIRS
ROOSEVELT RO	ADS,	PUERTO RICO			ENLISTED		,
. Program Elemi		S. CATEGORY CODE	7. PROJEC	T NUMBER	O. PROJ	ECT COS	T (\$000)
IMPROVEMENTS 711 HC-2/3-88			-88	s	1.804.	. 2	
		9. CI	DET ESTIMAT	125		<u> </u>	
		ITEM		J/M	QUANTITY	UNIT	
FAMILY HOUSE	NG IMI	PROVEMENTS		EA	32	23,00	736.3
CONCURRENT R	epair:	S AND MAINTENANCE	;	EA	32	33, 17	1,067.9
				EA	32	56,38	1,804.2
TO	TAL RE	EQUEST					1,804.2
Area Cost Fac	ctor :	. 1.16					
							· ·

10. DESCRIPTION OF PROPOSED CONSTRUCTION

This project will provide improvements and repairs to 32 Algodones Apartments. This includes the installation of central air conditioning, the construction of carports (one per unit) and an access road between existing Algodones Apartments.

11. REQUIREMENT: Improve the living conditions at Algodones Apartments.

CURRENT SITUATION: Currently air conditioning is provided by individual window mounted units which are inefficient. Most of these air conditioning units are highly deteriorated and beyond economical repair. These occupants do not have carports to protect their privately owned vehicles from inclement tropical weather conditions nor is there an access road to divert traffic away from the units.

IMPACT IF NOT PROVIDED: Lack of a proper air conditioning system, carports, and access roads at the Algodones Apartments exposes military personnel and their dependents to poor habitability conditions which lowers morale and results in an adverse impact on the mission of the Naval Station and the Navy Personnel Retention Program.

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DEPARTMENT OF THE NAVY FAMILY HOUSING - FY 1991 BUDGET ESTIMATE ARCHITECTURAL AND ENGINEERING SERVICES AND CONSTRUCTION DESIGN

(In Thousands)

FY 1991 Program \$1,500 FY 1990 Program \$1,000

Purpose and Scope

This program provides for working drawings, specifications and estimates, project planning reports and final design drawings of family housing construction projects authorized or not yet authorized. This includes the use of architectural and engineering services in connection with any family housing new or construction improvements.

Program Summarv

The amount requested, together with prior year savings, will enable full execution of the construction program. Authorization is requested for appropriation of \$1,500,000 to fund new construction and improvement program design requirements.

Exhibit FH-6

COMPONENT 2. DATE FY 19.91 MILITARY CONSTRUCTION PROJECT DATA 3 INSTALLATION AND LOCATION NAVAL AND MARINE CORPS INSTALLATIONS, ARCHITECTURAL AND ENGINEERING VARLOCS INSIDE AND OUTSIDE UNITED STATES SERVICES AND CONSTRUCTION DESIGN S. PROGRAM ELEMENT 6. CATEGORY CODE 7. PROJECT NUMBER B. PROJECT COST (8000) VARIES VARIES VARIES \$1,500 9. COST ESTIMATES C06T UNIT 444 QUANTITY ALE SERVICES & CONSTRUCTION DESIGN 1,500 NEW CONSTRUCTION L/S (1,080)**IMPROVEMENTS** (420) TOTAL REQUEST 1,500 10. DESCRIPTION OF PROPOSED CONSTRUCTION

Funds to be utilized under 10 USC 2807 for architectural and engineering services and construction design in connection with military family housing new construction and construction improvement projects. Evaluation of turnkey design and engineering investigations, such as field surveys and foundation explorations, will be undertaken as necessary.

11. REQUIREMENT: VARIES

All projects in a military family housing construction program presented for approval must be based on sound engineering and the best cost data available. For this reason, design is initiated to establish project estimates in advance of program submittal to the Congress. Based on this preliminary design, final plans and specifications are then prepared. Costs for srchitectural and engineering services, turnkey evaluation, and construction design are not included in the construction project cost

IMPACT IF NOT PROVIDED: FY 1991, 1992 and FY 1993 project execution schedules cannot be met.

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SUPPORT

DEPARTMENT OF THE NAVY FAMILY HOUSING - 1991 BUDGET ESTIMATE OPERATION AND MAINTENANCE

(\$000)

FY 1991 Program 626,107 FY 1990 Program 600,766

Purpose and Scope

a. Operation. This portion of the program provides for expenses in the following sub-accounts:

Management. Includes direct and indirect expenses incident to the administration of the family housing program such as housing office personnel and operations, administrative support, training, travel, programming and studies, and community liaison. All housing referral costs are also included, although the housing referral program assists personnel in locating housing in the private community, and is not related to the operation or management of military family housing units.

Services. Includes direct and indirect expenses incident to providing basic support services such as refuse collection and disposal, fire and police protection, pest control, custodial services for common areas, snow removal, and street c' ning.

Furnishings. Includes the procurement for initial issue or replacement of household equipment (primarily stoves and refrigerators) and, in limited circumstances, furniture; the control, moving and handling of furnishings inventories; and the maintenance and repair of such items.

Miscellaneous. Includes work or services performed for the benefit of family housing occupants, including mobile home hook-ups and disconnections, for which reimbursement will be received; payments to the U. S. Coast Guard for Navy occupancy of Coast Guard housing; and United Kingdom accommodation charges.

- h. Utilities. Includes all utility services provided to family housing, such as electricity, gas, fuel oil, water and sewage. Excludes telephone services.
- c. Maintenance. This portion of the program supports the upkeep of family housing real property, as follows:

Maintenance/Repair of Dwelling. Includes service calls, change of occupancy rehabilitation, routine maintenance, preventative maintenance, interior and exterior painting, and major repairs.

Other Real Property. Includes maintenance, repair and replacement of electrical, gas, water, sewage and other utility distribution systems located within family housing areas, and the portion of activity utility rates attributable to distribution system maintenance when separately identified. Also includes maintenance and repair of any other family housing real property, such as grounds, surfaced areas and family housing community facilities.

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Alterations and Additions. Includes minor incidental improvements to dwellings or other real property performed under the authority of 10 MSC 2805. Larger scope or higher dollar value items are funded in the construction program.

Program Summary

Authorization is requested for an appropriation of \$614,014,000. This amount, together with estimated reimbursements of \$12,093,000 will fund the Fiscal Year 1991 program of \$626,107,000.

A summary of the funding program for Fiscal Year 1991 follows (in thousands):

Appropriation Request							
Navy Marine Corps	Operations \$ 98,970 \$ 17,908		Maintenauce 261,303 52,738	Total 506,695 107,319	Reimburse- ments 10,303 1,700	Total Program 517,088 109,019	
Total DON	\$116,878	183,095	314,041	614,014	12,093	626,107	

JUSTIFICATION:

The Department of Navy family housing budget requests the minimum essential resources needed to provide military families with adequate housing either through the private community or in government quarters. Navy and Marine Corps installations are generally located in the high cost, coastal areas. Accordingly, the overinflated cost of adequate housing in these areas causes many of our military femilies to reside in facilities that lack even the minimal amenities expected in a home. Therefore, increased emphasis is being placed on the proper function of the family housing Operations and Maintenance program.

The Fiscal Year 1991 estimated program was formulated utilizing the Office of Management and Budget's published inflationary factors and foreign currency exchange rates.

DEPARTMENT OF THE NAVY FAMILY HOUSING - FY 1991 BUDGET ESTUME OPERATION AND HAINTENANCE SUPPARY NAVY AND MARINE CORPS

(Exc)	ludes Leased Units and Costs)				,		
				1990 imate		Fy 1 Esti	991 mate
A. 1	Horicload Data						
]	1. Inventory Data Average Inventory for Year Requiring OSM Funding:		70			•	500
	a. Contemminous U.S. b. U.S. Overseas		78,663 80,528 5,981 5,981				
	c. Foreign			,73 0		9,	743
	d. Vorldwide		94	,374		96,	,252
		FY 1	.989	FY I	990	FY I	991
			mate		mate		mate
		Total	Unit	Total	Und t	Total	เกเ
		Cost	Cost	Cost	Coct	Cost	Coe
		(\$000)	(\$)	(\$000)	(\$)	(\$ 00°	(\$

	- · · · · · · -	FY 1989 Estimate		FY 1990 Estimate		FY 1° Estín	
		Total Cost	Unit Cost	Total Cost	Unit Coet	Total Cost	l'nit Cost
_		(\$000)	(\$)	(\$000)	(\$)	<u>(\$00°)</u>	(\$)
B.	Funding Requirements						
	1. Operations						
	a. Management	45,641	492	51,018	541	56,218	584
	b. Services	33,442	360	35,709	378	37,296	387
	c. Furnishings	15,710	169	18,638	198	22,546	234
	d. Miscellaneous	441	5	787	8	818	8
	Subtotal - Operations	95,234	1,026	106,202	1,125	116,878	1,214
	2. Utilities	172,680	1,861	177,923	1,885	183,095	1,902
	3. Maintenance						
	 a. Maint. & Repair of 						
	Dwellings	207,609	2,238	254,003	2,691	261,714	2,719
	b. Maint. & Repair of						
	Other Real Property	34,709	374	42,436	450	43,688	454
	c. Alts. & Addns.	6,445	69	8 ,2 85	88	8,639	90
	Subtotal - Maintenance	248,763	2,681	304,724	3,229	314,041	3,263
	4. Total, OFM Expenses (TOA)	516,677	5,569	588,849	6,240	614,014	6,379
	5. Appropriation	516,677	5,569	588,849	6,240	614,014	6,379
	6. Peintursements	11,563	125	11,917	126	12,093	126
	7. Total Program	528,240	5, 69 3	600,766	6,366	626,107	6,505

DEPARTMENT OF THE NAVY FAMILY HOUSING - FY 1991 BUDGET ESTIDATE GERATION AND MAINTENANCE NAVY

(Excludes	Leased	Unita	and	Costs)

DALLADES DOGGE CIDE	, are costo)		
		FY 1990	FY 1991
		Estimate	Estimate
• Workload Data			
1. Inventory Dat	<i>ı</i> .		
Average Inven			
Requiring OSM			
a. Contermin	ous U.S.	57,165	58,530
h. U.S. Over	3 61 6	5,981	5,981
c. Foreign		9,274	9,274
d. Worldwide		72,420	73,785

	FY 1	989	FY 1990		FY 1991 Estimate	
	Estin	Estimate		nate		
	Total	Uni t	Total	Uni t	Total	Uni
	Cost	Cost	Cost	Cost	Cost	Cos
	(\$000)	(\$)	(\$000)	(\$)	(\$000)	(\$
Funding Requirements						
1. Operations						
a. Menagement	37,842	531	43,106	595	48,081	65
h. Services	26,280	369	28,584	395	29,895	40
c. Furnishings	12,982	182	16,360	226	20,176	27
d. Miscellaneous	441	6	787	11	818	
Subtotal - Operations	77,545	1,088	88,837	1,227	98,97 0	1,3
2. Utilities	138,304	1,941	142,345	1,966	146,422	1,9
3. Maintenance				•		
 a. Maint. & Repair of 						
Dwellings	164,555	2,309	209,870	2,898	216,881	2,9
 b. Maint. & Repair of 				•		
Other Real Property	27,754	389	35,400	489	36,583	4
c. Alts. & Addns.	5,945	83	7,585	105	7,839	10
Subtotal - Maintenance	198,254	2,782	252,855	3,492	261,303	3,5
4. Total, OSM Expenses (TOA)	414,103	5,811	484,037	6,684	506,695	6,8
5. Appropriation	414,103	5,811	484,037	c,684	506, <i>6</i> 95	6,8
6. Reimbursaments	10,063	141	10,267	142	10,393	1
7. Total Program	424,166	5,953	494,304	6,826	517,088	7.0

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DEPARTMENT OF THE NAVY FAMILY HOUSING - FY 1991 BUDGET ESTIMATE OPERATION AND MAINTENANCE MARTINE CORPS

	FY 1990 Estimate	FY 1991 Estimate
- Workload Data		
Inventory Data Average Inventory for Year Requiring OGM Funding:		
a. Conterminous U.S.	21,498	21,998
b. U.S. Overseas	0	. 0
c. Foreign	456	469
d. Worldwide	21,954	22,467

	FY 1		FY 19	-	FY 1	
	Esti		Esti		Esti	
	Total Cost	Unit Cost	Total Cost	Unit	Total	Uni
	(\$000)	(\$)	(\$000)	Cost (\$)	Cost (\$000)	Cost
Funding Requirements						
1. Operations						
a. Michagement	7,799	362	7,912	360	8,137	36
b. Services	7,162	333	7,125	325	7,401	32
c. Furnishings	2,728	127	2,328	106	2,370	10
d. Miscellaneous	0	0	0	0	0	
Subtotal - Operations	17,689	822	17,365	79 1	17,908	79
2. Utilities	34,376	1,597	35,578	1,621	36,673	1,63
3. Maintenance						
a. Maint. & Repair of						
Dwellings	43,054	2,000	44,133	2,010	44,833	3,0
b. Maint. & Repair of	•	·	·	•	-	
Other Real Property	6,955	323	7,036	327	7,105	3
c. Alts. & Addns.	500	23	700	32	800	
Subtotal - Maintenance	50,509	2,347	51,860	2,363	52,738	2,3
4. Total, OSM Expenses (TOA)	102,574	4,766	104,812	4,774	107,319	4,7
5. Appropriation	102,574	4,766	104,812	4,774	107,319	4,7
6. Reimbursements	1,500	70	1,650	75	1,700	
7. Total Program	104,074	4,835	106,462	4,849	109,019	4,8

DEPARTMENT OF THE WAVY FAMILY HOUSING - 1991 RUDGET ESTIMATE JUSTIFICATION NAVY

OPERATING EXPENSES

FY 1990 \$88,837,000

FY 1991 \$98,970,000

The FY 1991 estimated program represents the Navy Family Housing requirements using Office of Management and Budget inflation factors and foreign currency exchange rates. Reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

FY 1990 FY 1991 \$43,106,000 \$49,081,000

Requirements and adjustments as follows:

	(\$ M)
FY 1989 Estimate	37.A
Civilian personnel compensation	.9
Price increases	1.0
ADP procurement	•.2
Implementation of Relocation	
Assistance program	7.1
New Housing Office	.1
Enhancement of Housing	•
Referral Service	•6
Toreign Currency Repricing	.4
FY 1990 Estimate	43.1
Civilian personnel compensation	.9
Price increase	.4
Continued implementation of the Relocation	
Assistance Program	3.0
Foreign Currency Repricing	.7
FY 1991 Estimate	48.1

RATIONALE FOR CHANGES IN THE MANAGEMENT ACCOUNT. Funding adjustments are proposed in the Family Housing Management Account for pay supplemental increases, continued implementation of the Navy sponsored program to provide relocation assistance to military families, and management of programs to acquire additional housing assets.

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SERVICES

	FY 1990 \$28,584,000	FY 1991 \$29,895,000
Requirements and adjustments are as f	ollows:	
FY 1989 Estimate		(\$M) 26.3
Annualized Foreign National Indirect hire pay increase		.1
New units on line		.5
Indirect support for fire and pol-	ice	.9
Price increases		.8
FY 1990 Estimate		28.6
Price increases	•	.8
Indirect support for fire and pol-	ice	•5
FY 1991 Estimate		29.9
RATIONALE FOR CHANGES IN THE SERVICES		
an increase using approved inflational	ty factors. Program	increases are costs

RATIONALE FOR CHANGES IN THE SERVICES ACCOUNT. The services account proposes an increase using approved inflationary factors. Program increases are costs associated with providing fire and police protection, pest control, street cleaning, snow removal and refuse collection.

FURNISHINGS

	FY 1990 \$16,360,000	\$20,176,000
quirements and adjustments are as fo	ollows:	
FY 1989 Estimate Civilian personnel compensation Price increase Equipment for 538 Units provided 8 Expanded overseas loaner problem Reduce backlog of over-aged equipment		(\$M: 13.0 -1 -6 -9 -4 1.4
FY 1990 Estimate		16.4
Price increases Expanded overseas loaner furnishings program Purchase of Equipment for 177 GOJ Program decrease for GOJ 538 units FY 1991 Estimate		.5 3.9 .3 (.9) 20.2

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RATIONALE FOR CHANGES IN THE FURNISHINGS ACCOUNT. The proposed FY 1991 Furnishings Account Program increases include costs associated with the expanded overseas loaner furniture program which is designed to upgrade the overseas furnishings program, and will allow Navy families residing overseas the basic amenities found in U.S. homes and which are already provided by the Army and Air Force. The Navy relies primarily on the local community for housing Navy families. Local community homes outside the U.S. generally lack adequate stoves, refrigerators, kitchen cabinets, closets, and heating systems. This program will allow for the procurement of stoves, refrigerators, and portable heaters wired for foreign electrical standards, as well as portable wardrobes and cabinets. These items will be made available to Navy families for the duration of their tour, thus increasing the livability of off base units and eliminating the cost of procuring these items to the military member. In addition, the expanded furnishings program will allow for replacement of furniture loaned to families arriving in overseas locations while their household goods are in transit (normal shipping time ranges from 3-6 months.) Much of the furniture the Navy owns was purchased or acquired as war surplus during the early 1940's and has exceeded its useful life. The Army and Air Force have replaced most of their loaner furniture that was in a similar condition.

MISCELLANEOUS

FY 1990

-	\$787,000	\$818,000
Requirements and adjustments are as follows:		
		(\$M)
FY 1989 Estimate U.K. accommodations charge for 102 family	-	.4
housing inits received from RAF	•	
At Hendon, England		.1
Land lease charge, Harold E. Holt		•1
Peimbursement for 95 Coast Guard units		_
at Otis AFB		• 2
FY 1990 Estimate		•8
FY 1991 Estimate	•	•8
RATIONALE FOR CHANGES IN THE MISCELLANEOUS AC	COUNT. No pro	ram or price

changes required in FY 1991.

FY 1991

UTILITIES

Requirements and adjustments are as follows:

•		FY 1990 \$142,345,000	FY 1991 \$146,422,000
	Estimate units coming on line e increases		(\$M) 138.3 2.0 2.0
FY 1990	Estimate		142.3
	e increase ities for new units coming	on line	1.9 2.2
FY 1991	Estimate		146.4

RATIONALE FOR CHANGES IN THE UTILITIES ACCOUNT. The utilities account proposes an increase for industrial rate adjustments and price increases. Program increases are for costs associated with providing electricity, heat, water, and sewage for newly acquired or constructed units. The Navy Family Housing Program continues to stress energy conservation through public information campaigns and execution of cost effective energy conservation improvement projects.

MAINTENANCE EXPENSES

	FY 1990 \$252,855,000	FY 1991 \$261,303,000
Requirements and adjustments are as foll	ows:	
		(\$M)
FY 1989 Estimate		198.3
Reduce the backlog of maintenance an	d repair	47.6
Radon abatement repairs	-	2.8
Foreign currency PDM repricing		4.2
FY 1990 Estimate		252.9
Foreign currency repricing		5.0
Price increases		1.2
Reduce the backlog of maintenance an	d repair	2.2
FY 1991 Estimate		261.3

RATIONALE FOR CHANGES IN THE MAINTENANCE ACCOUNT. Program increases in FY 1991 are for costs associated with reducing the backlog of deferred maintenance in over 72,000 Family Housing units. Repair funds have been grossly underfunded since FY 1984 and in spite of that, repair projects scheduled for execution have been deferred to offset the reductions taken in the operations and utilities accounts. Deterioration of family housing assets

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has continued unabated. Mandatory maintenance such as roof repairs, replacement of worn out HVAC systems and electrical and plumbing lines, can no longer be deferred. Additional increases are for maintaining the present level of occupant service calls, change of occupancy rehabilitation, routine maintenance, painting, and for expanded preventive maintenance programs. We are continuing the repair phase of mitigating high concentrations of RADON gas detected in family housing units.

REIMBURSABLE AUTHORITY

	FY 1990 \$10,267,000	FY 1991 \$10,393,000
FY 1989 Estimate Price increase		(\$M) 10.1 .2
FY 1990 Estimate		10.3
Price increase		.1
FY 1991 Estimate		10.4

RATIONALE FOR CHANGES IN THE REIMBURSABLE ACCOUNT. The reimbursable account proposes a small price increase due to inflation.

MARINE CORPS JUSTIFICATION

OPERATING EXPENSES

FY 1990 17,365,000 FY 1991 17,908,000

The FY 1991 estimated program represents the Marine Corps family housing requirements using Office of Management and Budget inflation factors and foreign currency exchange rates.

A reconciliation of estimates is provided for each program element as follows:

MANAGEMENT

FY 1990 7,912,000 FY 1991 8,137,000

Requirements and adjustments are as follows:

FY 1989 Estimate Increased stafiing for new units on line	(\$M) 7.8 .1
FY 1990 Estimate Program increase for new units on line Civilian pay compensation	7.9 .1 .1
FY 1991 Estimate	8,1

The Management account provides for direct and indirect expenses in managing the family housing program such as personnel payroll, pay increases, administrative support, housing referral, community liaison, and training and travel associated with the Real Property Maintenance/Family Housing System (RPM/FHS) computer initiative.

SERVICES

FY 1990	FY 1991
7,125,000	7,401,000

Requirements and adjustments are as follows:

FY 1989 Estimate Projected audit cost savings Civilian personnel compensation	(\$M) 7.2 (.4)
FY 1990 Estimate Civilian personnel compensation Price increase for indirect support costs	7.1
for new units on line	.1
FY 1991 Estimate	7.4

The amount budgeted will allow for the provision of services to all family housing units to include newly acquired units and any expected price increases.

FURNISHINGS

FY 1990	FY 1991
2,328,000	2,370,000

Requirements and adjustments are as follows:

FY 1989 Estimate	(\$M) 2.7
Foreign currency repricing Program decrease in procurement of replacement furnishings Projected audit cost savings	.2 (.2) (.4)
FY 1990 Estimate New units on line	2.3
FY 1991 Estimate	2.4

The Furnishings account request reflects a program increase based on the acquisition of new units and for replacement of furniture and movable equipment (stoves, refrigerators, etc.). The funds requested will enable a consistent program level of maintenance and replacement of the existing inventory.

UTILITIES

FY 1990 35,578,000 FY 1991 36,673,000

Requirements and adjustments are as follows:

FY 1989 Estimate Foreign currency repricing Program increase for new units on line Price increases	(\$M) 34.4 .2 .7
FY 1990 Estimate New units on line Price Increases Currency Repricing	35.6 .8 .1
FY 1991 Estimate	36.7

Family housing utilities are priced by known rates or, in accordance with OSD/OMB pricing guidance. Energy conservation is stressed. Program increases are for costs associated with providing electricity, heat, water, and sewage for newly acquired or constructed units. The level of funding requested will provide the support required to include the increase of units to the existing inventory.

MAINTENANCE EXPENSES

<u>FY 1</u> 51,6	1990 869,000 FY 1991 52,738,00
Requirements and adjustments are as for	llows:
FY 1989 Estimate	(\$M) 50.5
Civilian personnel compensation program increase for reduction of repair and escalating backlog Foreign currency repricing	maintenance .6 .6
FY 1990 Estimate Foreign currency repricing Projected audit cost savings	51.9 .9 (.1)
FY 1991 Estimate	52.7

The Maintenance account provides for recurring maintenance consisting of service calls for emergency and temporary repairs, routine and preventive maintenance, change of occupancy maintenance, interior and exterior painting, maintenance of exterior utilities, and maintenance of other real property, such as grounds, roads, and community buildings. The account also provides for major repairs that will restore the facility to such condition that it may be effectively used for its designated purpose. This includes the replacement of parts or materials which have deteriorated and have not been corrected through maintenance. The request includes Phase III of a major rehabilitation project at one activity.

The FY 1991 requirements have been developed using historical data for recurring maintenance and for major repair projects identified for the FY 1990 program. The projected deferred maintenance will remain at a high level after the proposed FY 1990 funding has been executed. The deferred maintenance level will continue to increase if the major repair program is not increased. If this trend continues, progress made in the past years to improve the quality of life for our military families will be negated.

REIMBURSEMENTS

	1,650,000	1,700,000
Requirements and adjustments are as	follows:	
PY 1989 Estimate Increased collections for mobi	le home units	(\$M) 1.5 .2
Y 1990 Estimate		1.7
FY 1991 Estimate		1.7
The FY 1991 estimate reflects a level prog	gram.	

1.

FY 19_91 MILITARY CONSTRUCTION PROJECT DATA

NAVY

3. INSTALLATION AND LOCATION
VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE
GENERAL AND FLAG OFFICERS QUARTERS

DEPARTMENT OF THE NAVY
FT 1991 BUDGET
GENERAL/FLAG OFFICERS QUARTERS (GFOQ'S)
WHERE ANTICIPATED MAINTENANCE AND REPAIR
WILL EXCEED \$25,000 PER UNIT

This information is provided in accordance with the reporting requirement established by the Conference Appropriations Committee Report dated 21 December 1º87. The information provides the details for those GF00's where the maintenance and repair obligations in FY 1991 are expected to exceed \$25,000 per unit. Operations include the prorated costs for management of family housing, services such as fire and police protection, refuse collection, entomology and snow removal, and furnishings. Willities include applicable costs for energy (electricity, gas, fuel oil, steam, and geothermal), water and sewerage. Annual lease costs are separately identified. Maintenance and repairs include recurring work such as service calls, preventative maintenance, and routine change of occupancy work, and major repairs. This includes all operation and maintenance costs to the dwelling unit, appurtenant structures and other related area and facilities intended for the use of the general or flag officer.

. COMPONENT 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES A. PROJECT TITLE S. PROJECT NUMBER GENERAL AND FLAG OFFICERS QUARTERS STATE/ MAINT INSTALLATION QTRS ID OPS UTIL & RPR TOTAL **IMPROVS** INSIDE THE UNITED STATES CALIFORNIA NPGS Monterey A Lake Drive 900 3,900 68,000 72,800 Operations consist of management, services and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will remove existing ashestos insulation and contaminated soil. The antiquated steam heat system will be replaced with a gas fired heating system including holler, pumps, piping, wiring and controls. PWC San Diego A, NSC 2,400 5,200 117,500 125,100

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, change of occupancy work, and major repair. Work will provide a new service drop, distribution panel, new circuitry, receptacles, fixtures, and increased amperage. In addition, the project calls for the replacement of deteriorated domestic water and waste piping and fixtures. Field investigation found the wires behind one of the outlet cover plates to be burned. The cause of the power loss was isolated to a segment of underfloor wiring where the insulation had burned and the conductors had fused. Repairs were made to correct the immediate safety hazard however, visual inspection showed numerous additions and modifications had been made to the house wiring over the years. Insulation on the older wiring shows signs of advanced deterioration. This, in conjunction with inadequate overload protection, poses a significant fire risk.

PWC San 1 Whiting 2,500 4,100 29,000 35,600 0 Francisco Way

Operations consist of management, services, and furnishings (carpet cleaning). Maintenance and repairs include routine maintenance. Budget includes, within the M&R dwelling category, \$23,000 for repair of the quarters and surface preparation and complete exterior painting which was last accomplished in 1983. Work will consist of removal of many layers of paint that have accumulated over the years, by sandblasting all surfaces down to the bare wood. All sandblasted urraces will receive sanding, a primar coat, and two finish coats of exterior paint. Any deteriorated wood or missing caulking that is identified after sandblasting will be repaired prior to painting.

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. COMPONENT FV 19 $rac{91}{2}$ MILITARY CONSTRUCTION PROJECT DATA NAVY MATALLA : 3N AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES A PROJECT TITLE S. PROJECT NUMBER GENERAL AND FLAG OFFICERS QUARTERS STATE/ MAINT & RPR UTIL TOTAL **IMPROVS** INSTALLATION QTRS ID OPS INSIDE THE UNITED STATES PWC San 2 Whiting 1,500 4,200 28,000 33,700 Francisco Operations consist of management, services, and furnighings. Maintenance

Operations consist of management, services, and furnithings. Maintenance and repairs include routine maintenance, maintenance for surface preparation and complete exterior painting of the quarters which were last painted in 1984. Work will consist of removal of many layers of paint that have accumulated over the years, by sandblasting all surfaces down to the hare wood. All sandblasted surfaces will receive sanding, a primer coat, and two finish coats of exterior paint at a cost of \$23,800. Any deteriorated wood or missing caulking that is identified after sandblasting will be repaired prior to painting.

DISTRICT OF COLUMBIA

NAVDISTWASH B

B, WNY

13,000

5,000

185,000

203,000

0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehabliproject. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost. The Navy's objective is to retain the quarters in the inventory for at least another 25 years.

NAVDISTWASH

D, WNY

10,700

4,200

241,700

256,600

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost. The Navy's objective is to retain the quarters in the inventory for at least another 25 years.

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2. DATE . COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES S. PROJECT NUMBER 4. PRO'ECT TITLE GENERAL AND FLAG OFFICERS QUARTERS MAINT STATE/ **IMPROVS** QTRS ID TOTAL OPS UTIL & RPR INSTALLATION INSIDE THE UNITED STATES 0 243,500 257,200 NAVDISTWASH E, WNY 8,500 5,200 Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost. The Navy's objective is to retain the quarters in the inventory for at least another 25 years. 207,800 NAVDISTWASH N. WNY 6,600 3,200 198,000 Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes, will update obsolete and inefficient mechanical systems and restore electrical systems to meet current safety regulations. Completion of the work will reduce the Government's operation and maintenance cost. The Navy's objective is to retain the quarters in the inventory for at least another 25 years. 257,600 269,000 V, WNY 5,600 5,800 NAVDISTWASH Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance and major rehab. project. The completion of the work proposed within the rehabilitation scope will eliminate existing deterioration of the structures and their finishes and will update obsolete and inefficient mechanical and electrical systems. Completion of the work will reduce the Government's operation and maintenance cost. The Navy's objective is to retain the quarters in the

inventory for at least another 25 years.

. COMPONENT 3. DATE FY 19_91_MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE B. PROJECT NUMBER GENERAL AND FLAG OFFICERS QUARTERS STATE/ MAINT INSTALLATION QTRS ID UTIL OPS **IMPROVS** & PPR TOTAL INSIDE THE UNITED STATES FLORIDA NAVSTA 547 Osbourn 1,300 2,200 15,500 19,000 8,800 Mayport Avenue Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance. Budget includes funds for accomplishment of improvement project HC-4-79. This project encompases all work required to construct concrete pad and install aluminum screened patio. LOUISIANA NAVSUPPACT New Orleans 101 Carmick 1,700 6,500 45,500 53,700 Operations consist of management, services, and furnishings. Maintenance end repairs include routine maintenance, maintenance for surface preparation and complete exterior painting of the quarters which were last painted in 1982. Work will consist of removal of many layers of paint that have accumulated over the years, by sandblasting all surfaces down to the bare wood. All sandhlasting surfaces will receive sanding, a primer coat, and two finish coats of exterior paint at a cost of \$40,000. Any deteriorated wood or missing caulking that is identified after sandblasting will be repaired prior to painting. NAVSUPPACT New Orleans 104 Constitution 1,700 4,800 39,400 45,900 Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, maintenance for surface preparation and complete exterior painting of the quarters which were last painted in 1979. Work will consist of removal of many layers of paint that have

accumulated over the years, by sandblasting all surfaces down to the hare

. COMPONENT FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS STATE/ MAINT INSTALLATION QTRS ID OPS UTIL & RPR TOTAL **IMPROVS**

INSIDE THE UNITED STATES

wood. All sandblasting surfaces will receive sanding, a primer coat, and two finish coats of exterior paint at a cost of \$36,000. Any deteriorated wood or missing caulking that is identified after sandblasting will be repaired prior to painting.

NAVSUPPACT D
New Orleans 112 Constitution 2,000 5,000 45,500 52,500 0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, maintenance for surface preparation and complete exterior painting of the quarters which were last painted in 1984. Work will consist of removal of many layers of paint that have accumulated over the years, by sandblasting all surfaces down to the bare wood. All sandblasting surfaces will receive sanding, a primer coat, and two finish coats of exterior paint at a cost of \$36,000. Any deteriorated wood or missing caulking that is identified after sandblasting will be repaired prior to painting.

NAVSUPPACT E
New Orleans 102 Constitution 2,000 6,200 48,600 56,800 0

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance, maintenance for surface preparation and complete exterior painting of the quarters which were last painted in 1979. Work will consist of removal of many layers of paint that have accumulated over the years, by sandblasting all surfaces down to the bare wood. All sandblasting surfaces will receive sanding, a primer coat, and two finish coats of exterior paint at a cost of \$38,000. Any deteriorated wood or missing caulking that is identified after sandblasting will be repaired prior to painting.

MARTLAND
USNA 1 10,000 19,400 62,800 92,209 0
Annapolis Buchanan

Operations consist of management, services, and furnishings. Maintenance and repairs include routine maintenance. Work will include the following: Repairs to walls and ceilings 1st, 3rd, and 4th floor bedrooms. Drywall over top of plaster which will eliminate a lead paint safety hazard.

1. COMPONENT NAVY	91 FY 19MILI	TARY CONS	STRUCTION	PROJECT	DATA 2. 0	ATE
3. INSTALLATION A VARIOUS LOCA	NO LOCATION FIONS INSIDE A	ND OUTSIDE	THE UNITE	D STATES		
4. PROJECT TITLE GENERAL AND	FLAG OFFICERS	QUARTERS			5. PROJECT	NUMBER
STATE/ INSTALLATION	QTRS ID	OPS	UTIL	MAINT & RPR	TOTAL	IMPROVS
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INSIDE THE UNITED STATES

Replace molding and trim. Stripping of existing paint creates lead based hazardous waste and therefore not cost effective. Refinishing floors (5,160 sq ft). Repairs to doors, windows, and basement. Miscellaneous repairs to electrical system. Repair and store awnings, wash exterior windows, clean gutters and downspouts. Interior and exterior painting.

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1. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES E PROJECT NUMBER GENERAL AND FLAG OFFICERS QUARTERS STATE / MAINT INSTALLATION QTRS ID OPS UTIL & RPR TOTAL **IMPROVS** OUTSIDE THE UNITED STATES JAPAN PWC Yokosuka 8,800 40,600 17 Halsey 1,600 51,000 Operations consist of management, services and furnishings. Maintenance and repairs will encompasses repairs to the master bath and two second floor guest baths, flag quarters for Commander U. S. Naval Forces Japan. Shower stalls, bathtubs, water closets, and lavatories are unsightly due to age. Mineral deposits have caused stains which cannot be cleaned. Medicine cabinets are rusted and the finishes on mirrors are deteriorated. Plumbing is deteriorated, calcified, and a maintenance problem. Light fixtures are unsuitable and dim. Electrical wiring is inadequate to meet current needs. PWC Yokosuka 18 Halsey 1,600 12,300 47,400 Operations consist of management, services, and furnishings. Maintenance and repairs will provide for the replacement of the steam heating system and water lines throughout the quarters. Heating system is almost 40 years old, inefficient, and in need of replacement due to deterioration. Repairs necessitated by numerous trouble calls have only served as temporary stop-gap measures. Water lines are calcified, causing low water pressure and discolored water that is both distasteful and a problem for acceptable laundry results. MARIANAS PWC Guam 4 Flag 7,800 7,100 43,800 58,700 Circle Operations consist of management, services and furnishings. Maintenance and repairs will provide for roof replacement. Work will provide for the

Operations consist of management, services and furnishings. Maintenance and repairs will provide for roof replacement. Work will provide for the replacement of the asphalt shingles and felt, approximately 50% of the plywood roof sheathing and facia. Work includes painting, clean-up and debris disposal. Ouarters No. 4 is a 43-year old, one-story building of conventional wood construction. The existing roofing system is deteriorated due to age and exposure to the adverse environment. The roof shingles are splitting and have dry rot heyond economical repairs. Rain water leaks through the roofing system causing substantial damage to the existing plywood roof deck.

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2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY VAPIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES S. PROJECT NUMBER 4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS MAINT STATE/ **IMPROVS** & RPR TOTAL UTIL QTRS ID OPS INSTALLATION OUTSIDE THE UNITED STATES UNITED KINGDOM 0 10,000 155,400 171,900 COMNAVACT Romany 6,500 House Operations consist of management, services and furnishings. Maintenance and repairs will provide for accomplishment of a major repair project. Work will repair and replace bathroom basins, vanities, etc.; reseal & replace floor tiles; repair floorboards; repair ceiling and wall cracks and plaster throughout; repair windows and wood frames; provide miscellaneous repairs to

doors, cabinets, locks, etc; repair the heating and hot water system which is 25 years old; make electrical repairs throughout; repair gutters & fences

. COMPONENT 91 MILITARY CONSTRUCTION PROJECT DATA USMC 3. INSTALLATION AND LOCATION VARIOUS LOCATIONS INSIDE AND OUTSIDE THE UNITED STATES S, PROJECT NUMBER 4. PROJECT TITLE GENERAL AND FLAG OFFICERS QUARTERS MAINT STATE/ TOTAL **IMPROVS** INSTALLATION OPS UTIL & RPR QTRS ID INSIDE THE UNITED STATES CALIFORNIA 4,000 48,500 55,400 2,900 MCLB BARSTOW Operations consist of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, replacement of patio roof and fencing. VIRGINIA 3,606 65,255 69,861 1,000 MCCDC QUANTICO 12 Operations consist of management, services, and furnishings. Maintenance and repair includes routine recurring maintenance, and mechanical and electrical repairs to include: repair/replacement of plumbing, repair/replacement and upgrade c. the electrical system, repair/repalcement of the heating insulation, replacement of windows, refinsih wood floors and exterior painting and caulking.

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1. COMPONENT 2. DATE MILITARY CONSTRUCTION PROJECT DATA 3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS, VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE LACT NUMBER FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT ARIOUS CURRENT WORKING ESTIMATE INSTALLATION/LOCATION/PROJECT DESCRIPTION UNIT COST TOTAL (\$000) IN THE UNITED STATES ALASKA NAS Adak 51,301 4,206.7 Repairs to 82 units to include: Replace kitchen countertops, sinks disposals, range hoods, flooring, bathroom exhaust fans, and switches, all interior doors and hardware, garage doors, window vent screens, siding, soffits, and electrical switches. Repair bathroom fixtures, accessories, minor tub and shower leaks, and repair/refinish kitchem cabinets. Concurrent improvements are proposed at a cost of \$2,899,300 which include blown insulation into the attic spaces, partitioning of the garage and laundry areas to obtain a more secure storage area; installation of a fire life safety window in each master bedroom, bathroom vanities, tub enclosures, exhcust fans, ground fault interrupter receptacles, new medicine cabinets, energy efficient lighting, weatherstripping on exterior doors and setback thermostats. Includes installation of weather alcoves, gutters and downspouts, additional off-street parking and construction of durpster pads. CALTFORNIA 29,415 3,265.1 NAVSTA Long Beach Repairs to 111 units to include: Replace garage doors, sliding glass, ground fault interrupter receptacles, exterior lights, hose bibs, vinyl tile, water service valve, interior doors, ceiling insulation, kitchen cabinets, stoves, range hoods, sinks, plumbing fixtures, shut off valves, shower curtain rods, cold water line insulation, smoke dectectors, interior lights, water closets, faucets, angle stops, valves, medicine cabinets, mirrors, and lights. Pepair stucco, bath shower fan, and exterior trim. Paint interior and exterior of units. Concurrent

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. PROJECT TITLE			6. PROJECT	NUMBER
FAMILY HOUSIN	G MAINTENANCE/REPAIR OVER \$15,000 PER	UNIT	VARIO	ous
INSTALLATION/	LOCATION/PROJECT DESCRIPTION			ESTIMATE
		_	COST	TOTAL (\$000)
	IN THE UNITED STATES		-	
improvement which in utility vanities downspout covers, a	Beach (Continued) ents are proposed at a cost of \$1,029,000 clude screen doors, dishwashers, cabing yrooms, hot water heaters, bathroom and exhaust fans. Includes gutters as splash blocks, water diverters, paind a concrete walkway between utility grages and backyards.	ets nd tio		
old steam insulation encapsula	fonterey to 13 units to include: Replace 65 ye heating system; remove ashestos pipe on, pipes, and heating tank insulation ste ashestos containing soil in crawl th one and one-half inch of concrete.	;	46,124	599,4
Replace v plumbing water her install l fluoresce interrupt system as and rout:	ego to one installation commander quarters windows, domestic water piping and fixtures throughout quarters; renovat ater/circulation pump and storage tank citchen/pantry cabinets and countertop ent light fixtures, and ground fault ter receptacles; replace electrical and roof; interior and exterior paintin ine maintenance to include service cal entive maintenance.	e 8, 8,	89,500	89.5
and hard electric Concurre \$248,500 electric energy e	ego to 32 units to include: Replace floor ware for kitchen cabinets; rehabilitat system; refinish kitchen cabinets. nt improvements are proposed at a cost which include exhaust fans, additions al outlets in kitchens and hathrooms, fficient interior light fixtures, and insulation.	e of	25,666	821.3

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FY 1991_MILITARY CONSTRUCTION PROJECT DATA YVAN 3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS. VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE S. PROJECT NUMBER PAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT **VARIOUS** INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE UNIT COST TOTAL (\$000) IN THE UNITED STATES PWC San Francisco 26,800 26.8 Repairs to one installation commander quarters: Includes surface preparation and complete exterior painting of the quarters. 24,000 PWC San Francisco 24.0 Repairs to one installation commander quarters: Maintenance and repair work which is scheduled during change of occupancy, exterior painting, refinishing hardwood floors, minor structural repairs, interior painting, and miscellaneous routine change of occupancy maintenance. CONNECTICUT NSB New London 25,928 3,889.2 Repairs to 150 units to include: Replace sanitary sewer laterals to 21 of the 57 buildings; replace asphalt paving, granite curbs, catch basins to new grade, concrete steps, carports and storage sheds, mailhoxes, site signs, playground equipment; regrade and stabilize steeply graded areas; replace foundation coping, siding and trim, garage ceilings, windows and sliding glass doors, roofing, drywall, exterior doors, closet shelves, vinyl base, closet doors, kitchen cabinets and counters, furnace, heat registers, metal chimneys, oil tanks, tubs, lavatories and water closets, electrical wall receptacles; and weather proof electrical panels. Concurrent improvements at a cost of \$397,800 which include fire rated walls in place of existing furnace room doors and new exterior doors to replace interior doors, wired smoke detectors, bathroom exhaust/light fixtures, ducted range hoods, dishwashers, ground fault interrupter receptacles, energy efficient light fixtures in kitchens, bathrooms and basements and an expanded parking area.

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1. COMPONENT FY 1991 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS, VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE S. PROJECT NUMBER FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT VARIOUS INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE UNIT COST TOTAL (\$) (\$000) IN THE UNITED STATES ILLINOIS 20,338 PWC Great Lakes 3,620.1 Repairs to 178 units to include: Replace weatherstripping on all exterior doors, windows, storm doors, roofing, soffits, roof Vents; add attic insulation over bedroom and bathroom ceilings; replace ductwork, piping, closet doors and, patch ceramic tile. Repair tot lot. Concurrent improvements are proposed at a cost of \$5,624,500 which include finished basements, central air conditioning, garages, wired smoke detectors, suspended ceilings in all units except single family units, relocation of electrical outlets in kitchens and dining rooms, ceiling light fixtures in bedrooms, ground fault interrupter receptacles, patios, storage sheds, privacy fencing and additional shrubbery. MARYI ANT F rmont 34,310 720.5 in the to 21 units to include: Replace kitchen cathroom floors, bathroom tubs, water cl s, sink vanities and wall tile, exterior docto, hardware and frames, windows, kitchen cabinets, furnaces, electrical system, and street repairs. Concurrent improvements are proposed at a cost / \$182,400 which include ductwork insulat on, central air conditioning, smoke detectors, improved electrical distribution SYCL kitchen reconfiguration to include instaliation of new dishwashers and added cabinet space.

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FY 19 91 MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS. VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES B. PROJECT NUMBER FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT VARIOUS INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE UNIT COST TOTAL (\$) (\$000) IN THE UNITED STATES MASSACHUSETTS 24,194 3,000.0 NOD Housing Westover (Managed by NAVSUBASE New London, Conn.) Repairs to 124 units to include: Replace gutters, fascia hoard behind gutter, repair other fascia boards; replace exterior siding, windows, exterior doors, replace basement stair hand rails; paint interiors; replace partition between dining area and hallway, furnace combustion air intake and dampers, electrical panelboards, boiler control circuit transformers; resurface driveways, and replace front entrance sidewalk. Concurrent improvements are proposed at a cost of \$538,700 which include additional security lighting at front and rear entrances, wooden privacy screen between units, enclosures for refuse containers, skylight covering, extension of entrance landings, column supports at rear entrance canopies, gutters and downspouts at resr entrances, transparent cover for basement window wells, insulation in basement ceilings and additional kitchen cabinets in 80 units. Includes bathroom exhaust fans and light fixtures, interior light fixtures at top of stairwells, and ground fault interrupter receptacles. 26,900 26.9 NAS South Weymouth Repairs to one installation commander quarters: Repair by replacement of boiler and thermostat, roof and metal flashing, and front steps; waterproof basement walls; provide additional electrical outlets in kitchen. NEVADA NAS Fallon 102,600 102.6 Repairs to one installation commander quarters: Replace gas forced air-furnace system, electric

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PROJECT TITLE

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4. PROJECT NUMBER

PAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT

VARIOUS

VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION

CURRENT WORKING ESTIMATE
UNIT COST TOTAL
(\$000)

IN THE UNITED STATES

NAS Fallon (Continued)

water heater, single pane wood frame windows, lawn sprinkler system, sewage system, and relocation of existing leach field. Concurrent improvements are proposed at a cost of \$33,600 which include conversion of sunroom into a bathroom. Construct utility/laundry room in vacant area between family room and bathroom. Convert present utility room into a storage room. Provide for additional kitchen cabinets and electrical outlets.

PENNSYLVANIA

NADC Warminster

21,500 86.0

Repairs to four units to include: Replace kitchen cabinets and countertops, flooring in dining room and hallways, exterior doors, door frames, and hardware, bathroom sinks, and vanities, electrical switches, electrical panel box, light fixtures, garage door frames, and roof drip edge; increase attic insulation; repair interior wallboard finishes, foundation finishes; restore proper terrain slope at perimeter of units. Concurrent improvements are proposed at a cost of \$35,900 which include wooden hand rails and safety treads on interior stairs, Wrought iron railing on exterior stairs, bathroom vanities and exhaust fans, ductwork insulation, ground fault interrupter receptacles, additional receptacles, vinyl Window shutters, entrance . canopies, and garbage can enclosures.

RHODE ISLAND

NETC Newport

27,924 3,015.8

Repairs to 108 units to include: Replace closet doors with sliding doors, interior doors, bath and lavatory accessories; refinish wood floors;

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1. COMPONENT

FY 19 91 MILITARY CONSTRUCTION PROJECT DATA

2. INSTALLATION AND LOCATION
NAVAL INSTALLATIONS,
VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES

4. PROJECT TITLE

FAMILY HOUSING HAINTENANCE/REPAIR OVER \$15,000 PER UNIT

VARIOUS

VARIOUS

INSTALLATION/LOCATION/PROJECT DESCRIPTION

CURRENT WORKING ESTIMATE
UNIT COST TOTAL
(\$000)

IN THE UNITED STATES

NETC Newport (Continued)

replace windows, storage shed roofing and clapboard siding with vinyl siding; add insulation, and paint building interiors and exteriors; replace sub-floor, kitchen cabinets sinks and countertops; refinish stairs and landings; repair stairs, landing frames, gypsum board; replace bath sub-flooring and ceramic tile, replace and rewire garbage disposals, replace and/or refinish bath tubs; replace hose bibs with freeze proof type, shower/tub controls, interior and exterior receptacles; replace light fixture and control switch in kitchen, bedroom, laundry and closet areas, exhaust fan switch; replace bath receptacles, circuits, and smoke detectors. Phase two of three phases.

NETC Newport

Repairs to 102 units to include: Replace exhaust fan with range hood, vent sink traps, utility room doors, windows, gutters and downspouts, asphalt roof shingles, mailboxes, sliding doors, baseboard radiation, service entrance door in eight units, asbestos access panels in eight units, and overlay roads and driveways. Repair manholes, sewers (mains and laterals), storm catch basins, and replace shrubbery. Concurrent improvements are proposed at a cost of \$1,484,900 which include dishwashers, garbage disposals, bathroom exhaust fans, concrete patios, privacy fencing, additional electrical receptacles, conversion of carports to garages, and additional shrubbery.

25,413 2,592.1

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NAVY FY 19MILITARY CONSTRUCTION PROJECT DATA S. INTALLATION AND LOCATION VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES A. PROJECT VITLE FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT INSTALLATION/LOCATION/PROJECT DESCRIPTION IN THE UNITED STATES VIRGINIA NAVHOSP Portsmouth Repairs to one installation commander quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucco; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to bathroom and electrical system including heat—pump air conditioning replacing current window air conditioning units. Concurrent improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PMC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NMS Yorktown Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine	1. COMPONENT	0.1		13.	DATE
APROJECT NUTLE FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT INSTALLATION/LOCATION/PROJECT DESCRIPTION IN THE UNITED STATES VIRGINIA NAVNOSP Portsmouth Repairs to one installation commander quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch columns bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stuceo; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to hathroom and electrical system including heat-pump air conditioning replacing current window air conditioning replacing current window air conditioning and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall atom windows, install vinyl siding on one garage. NWS Yorktown Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine			OJECT D	ATA	
INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE UNIT COST TOTAL (\$000) IN THE UNITED STATES VIRGINIA NAVHOSP Portsmouth Repairs to one installation commender quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucce; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to bathroom and electrical system including heat-pump air conditioning replacing current window air conditioning units. Concurrent improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine				-	
INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE UNIT COST TOTAL (\$000) IN THE UNITED STATES VIRGINIA NAVHOSP Portsmouth Repairs to one installation commender quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucce; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to bathroom and electrical system including heat-pump air conditioning replacing current window air conditioning units. Concurrent improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine	A PROJECT TITLE			A BROJECT	NUMBER -
VIRGINIA NAVHOSP Portsmouth Repairs to one installation commander quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucco; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to hathroom and electrical system including heat-pump air conditioning replacing current window air conditioning units. Concurrent improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine		G MAINTENANCE/REPAIR OVER \$15,000 PER	UNIT		
VIRGINIA NAVHOSP Portsmouth Repairs to one installation commander quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucco; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to hathroom and electrical system including heat-pump air conditioning replacing current window air conditioning replacing current improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine	INSTALLATION/	LOCATION/PROJECT DESCRIPTION			
VIRGINIA NAVHOSP Portsmouth Repairs to one installation commander quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucco; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to hathroom and electrical system including heat-pump air conditioning replacing current window air conditioning replacing current window air conditioning units. Concurrent improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown Repairs to one installation commander quarters: Replace electrical wring including service entrance cable and electrical panel; complete interior painting; also included is routine				\$7	(\$000)
NAVHOSP Portsmouth Repsirs to one installation commender quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucco; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to bathroom and electrical system including heat-pump air conditioning replacing current window air conditioning units. Concurrent improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine		IN THE UNITED STATES			
Repairs to one installation commander quarters: Replace deteriorated porch flooring, metal porch roof, gutters, downspouts, roof skylight, porch columns (four), porch column bases (three), and the repair of rotting wood porch panelling and wood trim; refinish interior and exterior woodwork and doors; repair exterior stucco; mechanical and electrical repairs include provision of ducted heat pump system and refinishing of interior plaster; replace rotting wood trim over porch columns; repairs to hathroom and electrical system including heat-pump air conditioning replacing current window air conditioning replacing current window air conditioning neplacing current window air conditioning neplacing current improvements are proposed at a cost of \$1,700 which include vanities, bathroom exhaust fans, electrical smoke detectors, additional receptacles, fluorescent lighting, and improved electrical system. PWC Norfolk Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown 30,500 30. Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine	VIRGINIA				
Repairs to two units to include: Replace vinyl siding; paint doors and windows; reinstall storm windows, install vinyl siding on one garage. NWS Yorktown 30,500 30. Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine	Repairs t Replace d roof, gut columns (the repai wood trim woodwork mechanics provision refinishi wood trim and elect condition condition proposed vanities, detectors	to one installation commender quarters: leteriorated porch flooring, metal porch ters, downspouts, roof skylight, porch four), porch column bases (three), and it of rotting wood porch panelling and it refinish interior and exterior and doors; repair exterior stucco; if and electrical repairs include to fucted heat pump system and ing of interior plaster; replace rotting over porch columns; repairs to hathrousing replacing current window air ting units. Concurrent improvements as at a cost of \$1,700 which include thathroom exhaust fans, electrical smet, additional receptacles, fluorescent	ch i i ng pom	85,200	85.2
Repairs to one installation commander quarters: Replace electrical wiring including service entrance cable and electrical panel; complete interior painting; also included is routine	Repairs t	o two units to include: Replace viny: wint doors and windows; reinstall ator		34,750	69.5
maintenance.	Repairs t Replace e entrance interior maintenar	to one installation commander quarters: electrical wiring including service cable and electrical panel; complete painting; also included is routine nce, repair work, and preventive	:	30,500	30.5

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2. DATE . COMPONENT FY 19⁹¹ MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS. VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES B. PROJECT NUMBER **VARIOUS** FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT CURRENT WORKING ESTIMATE INSTALLATION/LOCATION/PROJECT DESCRIPTION UNIT COST TOTAL (\$000)

IN THE UNITED STATES

WASHINGTON

NAVSUBASE Bangor Repairs to 100 units to include: Replace kitchen cabinets, floor, and range hood, bathroom sink tub medicine cabinets and floor, livingroom, hall and utility room floors; repair exterior siding, privacy fencing, storage closets, and trash storage areas; repaye roads; repair sidowalks; replace parking bumpers; relocate catch basins; reroof units; and paint interior and exteriors. Concurrent improvements at a cost of \$1,762,000 are proposed which include installation of new cabinets, dishwashers, countertops, stainless steel wall guards behind stoves, garbage disposals, new windows, combination storm/screen doors and improved kitchen and bathroom lighting. Includes improvements to carports, sidewalks, steps, guardrails, carport grading, exterior lighting, access roads and retaining walls.

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1. COMPONENT 2. DATE FY 1991_MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS. VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE PROJECT NUMBER FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT VARIOUS CURRENT WORKING ESTIMATE INSTALLATION/LOCATION/PROJECT DESCRIPTION UNIT COST TOTAL (\$000) (\$) OUTSIDE THE UNITED STATES MARIANAS 985.0 18,585 PVC Guan Repairs to 53 units to include: Replace hot and cold water lines, electrical distribution lines, lighting fixtures, bathtub, bathroom vanity base, lavatory, and kitchen cabinets. Concurrent improvements are proposed at a cost of \$3,011,400 which include gutters with downspouts, dishwashers, range hoods, garbage disposals, kitchen cabinets, carports with storage and driveway, trash enclosures, patios, concrete privacy dividers, and protective coverings for air conditioners. 35,600 35.6 Repairs to one installation commander quarters: Replace plywood roof sheathing, asphalt roof shingles and felt, and fascia. Also included is routine maintenance and repair work to include service calls, preventive maintenance, painting, clean-up, and debris removal and disposal. PHILIPPINES 37,974 1,291.1 PWC Subic Bay Repairs to 34 units to include: Replace venetian blinds, drapery rods, interior doors, exterior screen doors, floor tile, kitchen cabinets, wall pannelling with gypsum board, lavatory cabinet, gutters and downspouts, splash blocks, electrical panel boards, light fixtures, electrical receptacles, disconnect switches, and doorbell system. Concurrent improvements are provided at a cost of \$522,000 which include clothes lines, dishwashers, trash enclosures, lowered ceilings in kitchens, living rooms, and bedrooms. Install meter base panels, electrical receptacles, and additional landscaping.

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2. DATE FY 19⁹¹_MILITARY CONSTRUCTION PROJECT DATA NAVY 3. INSTALLATION AND LOCATION NAVAL INSTALLATIONS, VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE S. PROJECT NUMBER FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT **VARIOUS** INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE UNIT COST
(\$) TOTAL (\$000) OUTSIDE THE UNITED STATES PUERTO RICO NAVSTA Roosevelt Roads 33,372 1,067.9 Repairs to 32 units to include: Replace doors, windows, kitchen cabinets, carpeting, bathroom fixture and tile; repair bedroom closets, and water, plumbing, and electrical systems; interior and exterior painting. Concurrent improvements at a cost of \$736,300 which include removal of existing window air conditioners, installation of central air conditioners, ductwork, refrigerant tubing and piping, controls and related appurtenances, construction of a road between existing housing huildings, and one carport for each unit. SPAIN NAVSTA Rota 24,521 7,846.7 Repairs to 320 units to include: Replace wooded floor and structural floor supports, interior doors, door frames and hardware, bathroom fixtures and tile, electrical wiring and receptacles, light fixtures, water heaters, metal gutters and downspouts; and exterior site regrading.

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. COMPONENT 2. DATE FY 19 91 MILITARY CONSTRUCTION PROJECT DATA USMC 3. HISTALLATION AND LOCATION NAVAL INSTALLATIONS, VARIOUS LOCATIONS IN AND OUTSIDE THE UNITED STATES 4. PROJECT TITLE B. PROJECT NUMBER FAMILY HOUSING MAINTENANCE/REPAIR OVER \$15,000 PER UNIT **VARIOUS** INSTALLATION/LOCATION/PROJECT DESCRIPTION CURRENT WORKING ESTIMATE UNIT COST TOTAL (\$000) IN THE UNITED STATES CALIFORNIA MCB Camp Pendleton 6,972.? 41,013 Repair 170 Wire Mountain III area housing units. Repairs will correct landscaping deficiencies; replace fencing, windows, doors, screens; replaster, reinsulate, and refinish bathrooms and laundry rooms; replace plumbing and lighting; rewire and repair walls. NORTH CAROLINA MCAS Cherry Point 28,619 1,202.0 Repairs to 42 OPQ's. Project provides for repairs to the electrical, mechanical and architectural systems, foundation, exterior vinyl siding, windows, doors, hardwood floors, floor tile, cabinets, plumbing systems, fixtures, ceilings and garages. SOUTH CAROLINA MCAS Beaufort 32,132 10,700.0 Repairs to 333 family housing units. This project will be the third and final phase of an effort which will repair 1,100 units. The project will make complete interior repairs to the electrical, mechanical and architectural systems. Repairs include the repair/replacement of plumbing systems, fixtures and ancillary items, electrical systems, walls, floors, ceilings, windows, doors and trim, basehoards, kitchen cabinets, floor tiles, countertops and provide for new wall and ceiling insulation.

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Family Housing, Navy and Marine Corps LEASING

(In Thousands)
FY 1991 Program \$66,421.0
FY 1990 Program \$41,488.0

PURPOSE AND SCOPE

. This program provides payment for the costs incurred in leasing family housing units for assignment as public quarters.

PROGRAM SUMMARY

A summary of the funding program for Fiscal Year 1991 follows:

	FY	89	FY	90	FY	91
	Yr End Units	Cost (\$000)	Author- ization Units	Cost (\$000)	Author- ization Units	Cost (\$000)
Pomestic:						
Navy	1,190	12,981.0	4,000	14,676.0	4,000	37,810.0
Marine Corp	s 100	1,000.0	200	1,000.0	20 0	2,000.0
Foreign:	1,834	21,982.0	1,992	25,812.0	1,092	26,511.0
Total:	3,124	37,963.0	6,192	41,488.0	6,192	66,421.0

JUSTIFICATION

Domestic Leasing Program Summary: The domestic leasing program is authorized in 10 USC 2828 as amended, which limits the number of units authorized at any one time and specifies the maximum cost limitation. This program consists of leasing on an interim basis until Section 801 and/or military construction (MILCON) units come on line.

Section 801 of the FY 84 Military Construction Authorization Act (PL 98-115) authorizes the Department of Defense to enter into agreements for the leasing of Military Family Housing units on or near military installations within the United States. This authorization was considered a test and would have expired upon execution of contracts no later than 1 October 1985. The Navy sites chosen for testing Section 801 were Norfolk, Virginia, and Earle, New Jersey. The Section 801 program has been extended through the end of FY 89. The Navy has awarded contracts for Section 801 projects at Norfolk, VA (300 units), Earle, NJ (300 units), Mayport, FL (200 units) and Twentynine Palms, CA (200 units). There are eight additional projects underway for a total of 3,180 units.

Domestic Leasing Fiscal Year Summary:

FY 1989 - The domestic leasing program consists of 1,290 units requiring funding of \$13,981.0. Funding in the amount of \$8,277.5 requested to provide for full funding of the Section 801 leasing projects at Norfolk and partial funding for Mayport, Earle, Staten Island, San Francisco and Twentynine Palms. The remaining \$5,703.5 was to support the domestic leasing programs in New York and San Francisco.

FY 1990 - The domestic lease construct program consists of 1,400 units requiring funding of \$15,676.0. Funding requested will provide full funding for Section 801 projects at Earle, Norfolk, Mayport, Twentynine Palms and partial funding for Staten Island.

FY 1991 - The domestic lease construct program consists of 4,200 units requiring funding of \$39,810.0. Funding requested will provide for full funding for 4,000 units.

Statutory thresholds combined with the scarcity of affordable housing in urban areas inhibit the potential for short term leasing as an answer to Navy family housing requirements. Furthermore, these conditions enhance the need for the long term security provided by Section 801 housing. The economics of the rental markets, in conjunction with the limited supply of housing units, exemplifies the urgency of pursuing more concrete solutions to satisfying our housing needs. Resources presently identified for execution of the domestic leasing program may be redirected to provide for planning, design and execution of the additional Section 801 housing.

Foreign Leasing: Leasing in foreign countries is authorized in 10 USC 2828, which limits the number of units authorized at any one time and specifies the maximum cost limitation.

The FY 1989 unit authorization consists of 1,992 units of which 1,834 will require funding. The authorization difference of 158 units is due to anticipated delay of delivery of 97 units in the Sigonella project which will be completed in FY 1990. The remaining 61 units are 57 leases projected for Rota and La Maddalena and 4 others in various locations.

The FY 1990 unit authorization consists of 1,992 units of which 1,986 will require funding. The authorization difference of 6 units is due to anticipated delay of requirement for lease execution in various locations.

The FY 1991 foreign leasing budget reflects a stabilized requirement and a modest funding increase due to inflation. There are 6 units less than authorized that require funding.

			ANALYSIS OF LEAST COURT	ANALYSIS OF LEASED LINITS	ED LINITS				
		6	ANALTSIS OF LEASED UNITS (Other than Section 401 and Section 402 Units) FY 19 91	tion 801 and Se FY 19 91	ktion 802 Un	(3)			
- OCATION		6861 (Ad) Ad	686		FV (CY) 1990	966		fv (8v) 1991	1661
	UNITS ALTHOMETED	SHEROPE BACOMP	(1005)	AUTHORISED	LEASE	1907	UNBITS AUTHORIZED	LEASI	1503
DOMESTIC LEASES									
Neu York	310	3,720	3,059.8						
San Francisco	280	3,360	2,643.7			•			
		_					•		
TOTAL DOMESTIC LEASES	590	7,080	5,703.5						
FOREIGN LEASES									
		84	212.0	7	84	208.6	^	98	227.1
	51	. 612	690.0	24	612	721.8	54	612	767.4
(c) Djakarta	о г	ž	410.6	9 '	801	393.4	10	108	261.0
•		12	46.6		9 2	172.2		9	172.5
	-	12	35.0		12	45.0	- -	12	4.1.8
(a) Lishon	- (12	48.0	_	12	49.7	-	12	51.7
(a) (reece	. 5	3,4	75.6	<u>-</u>	36	58.7	e ;	36	62.6
a)(.)(re pagnetia	707	1,344	(1.722.42	\$7	2,136	2,845.2	194	2,328	3,096.8
IOTAL FOREIGN LEASES								E .	ont fnued
GRAND TOTAL									
30 Form 2458-2, JUN 86								1	2 3 Page

	FAR	FAMILY HOUSING, ANA (Other th		DEPARTMENT OF THE NAV (SIS OF LEASED UNITS Section 801 and Section 802 Un	DEPARTMENT OF THE NAUY 'SIS OF LEASED UNITS Section 801 and Section 802 Unit FY 19 91	V its)	·		
***************************************		EV (PV)			FV (CY)			FV (BV)	
	UMITS AUTHORIZED	SHEMOM	(900\$)	AUTHORIZED AUTHORIZED	LEASE MONTHS	1005 150009	LINETS	LEASE	15051
DOMESTIC LEASES first each bacathony									
TOTAL DOMESTIC LEASES									
FOREIGN LEASES									
(a)(b) Naples (a)(b) Sigonella	508 412	6,096	6,070.8	508	6,096	6,196.9	508	6,096	6,346.1
(a)(b) London	78	1,008	1,092.7		1,008	1,133.5	86	1,00	1.223.7
(a)(h) Holy Loch	436	5,232	4,241.8	436	5,232	4,287.5	436	5,232	4,356.5
(b) Edzell	102	1,224	831.6		1.224	865.1	102	1,224	888.5
(a) Rota	0	0	8		300	211.0	22	300	216.6
TOTAL FOREIGN LEASES	1,834	21,984	23,982.0	1,992	22,767	25,812.0	1,992	23,832	25,611.0
GRAND TOTAL	474,2	790.62	29,685.5		22,757	25,812.0	1,992	23,832	26,611.0
DD Form 2458-2, NJN D6 (a) Individual Lease	18e							ž	Entite FH-4

OForm 2452, NUN 66
(a) Individual Lease
(b) Lease Construction
(c) Department of State Leasing Pool

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	FAN	FAMILY HOUSING, DEPARTMENT OF THE NAVY SECTION 801 FAMILY HOUSING SUN (Dollars in thousands) FY 19 91	ING, DEE	PARTHENT OF TH FAMILY HOUSIN (Dollars in thousands) FY 19 91	HOUSING, DEPARTMENT OF THE HAVY SECTION 801 FAMILY HOUSING SUMMARY (Dollars in thousands) FY 19 91	MARY			
LOCATION	NO DF UNNTS	FY OF BUTAL AUTH	DATE OF	90200 1991 9021 OF	707AL AMBUAL COST	FY (CY) UMMTS	rv (CV) COSTS	7	17 (BU) APPROP MQUEST
(intent-bastroniproper)									
MAVY									
			,				,	•	
Earle, N.J.	300	1984	8/86	2/40	3,636.0	300	3,232.0	300	3,636.0
Norfolk, VA	30 <u>0</u>	1984	2/86	12/87	4,001.4	300	3,992.0	300	4,001.4
Mayport, FL	200	1986	9/86	10/88	1,527.0	200	1,527.0	200	1,527.0
Fallon, NV	180	1,986	3/89	3/01	1,354.1	0	0	180	1,219.0
Staten Island,	1,000	1987	1/80	1/41	17,000.0	200	2,125.0	1,000	17,000.0
San Francisco, CA	200	1988	8/89	16/8	5,445.0	0	-	\$00	1.022.2
San Diego, CA		1988	5/89	5/91	2,995.6	0	0	300	798.5
Long Reach, CA	300	1988	5/89	16/5	2,289.6	0	0	300	615.4
Port Hueneme/									***
Point Mugu, CA	300	1988	5/89	16/5	2,757.6	0	0	300	742 6
Washington D.C.	300	1988	10/89	10/01	3,000.0	0	0	300	1,068.1
Cecil Field, FL	300	1988	10/84	10/01	2,350.0	0	0	300	439.
MARINE CORPS									
29 Palms	200	1986	98/6	16/01	2,000.0	100	1,000.0	200	2,000.0
107AL	4 180	NA	PWA.	N/M	1 756 3	1 400	0.426.0	180	39 810 0
0D form 2456-1, JUN B6								\$	S. P. S. S. S. S. S. S. S. S. S. S. S. S. S.

FY 1991 FAMILY HOUSING, NAVY DEBT PAYMENT

(In thousands)
FY 1991 Program \$198
FY 1990 Program \$208

Purpose and Scope

The requirement for the payment of principal and interest on the remaining indebtedness for Capehart and acquired Wherry housing has been completed. All mortgages have been paid off as of 30 September 1988 for the Wherry housing and as of 30 September 1989 for the Capehart housing. The only remaining requirement for this program is the payment of Servicemen's Mortgage Insurance Premiums to FHA for mortgages assumed by active military personnel on housing purchased by them.

<u>Program Summary</u>

Authorization required for the appropriation is \$198,000. No reimbursements will be used to finance the FY 1991 program pursuant to Section 511, Public Law 96-418.

A summary of the status of the indebtedness assumed by the Department of the Navy to acquire quarters for the military housing is as follows:

	1989	(In Thou:	sands) :991
	Actual	Estimates	Estimate
Debt Incurred: Capehart Wherry TOTAL	346,901 158,158 505,059	346,901 158,158 505,059	346,901 158,158 505,059
Less previously retired: Capehart Wherry TOTAL	346,773 158,158 504,931	346,901 158,158 505,059	346,901 158,158 505,059
Debt Retired During Year: Capehart Wherry TOTAL	128 <u>-0-</u> 128	-0- -0- -0-	-0- -0- -0-
Unliquidated Debt, End of Year: Capehart Wherry TOTAL	-0- - <u>0-</u> -0-	-0- -0- -0-	-0- -0- -0-

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FY 1991 FAMILY HOUSING, NAVY DEBT PAYMENT (\$000)

TOA	FY 1990	FY 1991
Interest Capehart and Wherry	-0-	-0-
Mortgage Insurance Premiums Servicemember's Navy Marine Corps	197 11	189 9
Total Obligating Authority	208	198
Budget Authority:	208	198
Appropriation	208	198
Portion Applied to Debt Reduction	0-	0-
Appropriation (adjusted)	208	198

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FAMILY HOUSING, NAVY FY 1991 BUDGET SERVICEMEN'S MORTAGE INSURANCE PREMUIMS

This program provides for the payment of premiums due on mortage insurance provided by the Federal Housing Administration for housing mortgages purchased by active duty military personnel. Also, it continues payments for cases where a serviceman dies while on active duty and leaves a surviving widow as owner of the property. Payments extend for a period of two years after death or until the widow disposes of the property, whichever occurs first. The maximum amount insurable by FHA is \$67,500. The premium rate is 1/2 of 1% of the unpaid balance of the mortgage. The Department of Housing and Urban Development stopped processing applications for servicemen's mortgage insurance premiums as of 31 March 1980 with the discontinuance of Section 222 of the Housing Act.

	<u>navy</u>	FY1990 MARINE CORPS	TOTAL	NAVY	FY1991 MARINE CORPS	<u>TOTAL</u>
No. of Mortgages	1,065	79	1,144	1,021	54	1,085
Average Payment	\$140	\$140	\$180	\$140	\$140	\$180
Total Payment	\$197,000	\$11,000	\$208.000	\$189,000	\$ 9.000	\$198,000

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